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Interim Response Action Basin F Liquid Incineration Project

FINAL DRAFT HUMAN HEALTH RISK ASSESSMENT

ASSOCIATED WITH HYDRAZINE RINSEWATER INCINERATION (APPENDIX TO VOLUME I)

Volume III

Preplaced Remedial Action Contract Contract No. DACW-45-90-D-0015

July 1991

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U.S. Army Corps of Engineers Omaha Districti

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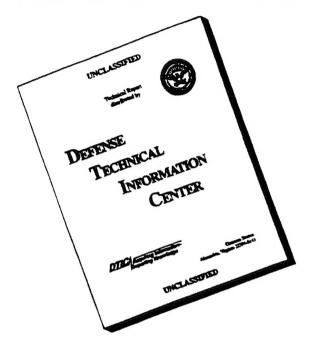
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PROGRAM MANAGER FOR ROCKY MOUNTAIN ARSENAL COMMERCE CITY, COLORADO

INTERIM RESPONSE ACTION BASIN F LIQUID INCINERATION PROJECT

FINAL DRAFT HUMAN HEALTH RISK ASSESSMENT ASSOCIATED WITH HYDRAZINE RINSEWATER INCINERATION

VOLUME III
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SECTION 1 INTRODUCTION

This is a supplementary report to the <u>Final Draft Human Health Risk Assessment</u>, Volumes I and II, prepared by Roy F. Weston, Inc. (WESTON, 1991) which presented the risks associated with the Basin F Liquid Submerged Quench Incineration Project for Rocky Mountain Arsenal (RMA) located in Denver, CO. The purpose of this supplementary report (Volume III, WESTON, 1991) is to evaluate the human health risks associated with the incineration of hydrazine rinsewater by the Submerged Quench Incineration (SQI) unit, and to determine whether the addition of the hydrazine rinsewater to the Basin F liquid wastes will pose an increased risk over that previously determined for Basin F Liquid waste (WESTON, 1991).

The primary objective of the human health risk assessment conducted by Roy F. Weston, Inc. (WESTON) for RMA was to assist in the establishment of chemical emission limits for the Basin F Liquid Incineration Project, while staying as close as possible to the approach described in the EPA Risk Assessment Guidance for Superfund -- Human Health Evaluation Manual, Part A (RAGS) (EPA, 1989a). The following points must be made to clarify that incinerator risk assessments differ significantly from Superfund risk assessments:

- Superfund risk assessments use actual contaminant data from analytical chemistry evaluations of air, soil, and water to assess potential human exposures at a site.
- Incinerator risk assessments, on the other hand, must use predicted human exposures from modeling rather than measured exposures [the objective of the risk assessment is to evaluate whether the incinerator should be built (i.e., in general, there is no incinerator from which to gather data)].

Therefore, in an attempt to utilize Superfund terminology, WESTON had to redefine the term "Reasonable Maximum Exposure" (RME). RAGS defines RME as the upper 95% Confidence Limit of the arithmetic mean of the exposure data determined from analytical

chemistry evaluations of samples collected from air, water, or soil. The available data did not support the calculation of an upper 95% confidence interval for the emissions because of an insufficient number of data points. The numbers of actual concern, the human exposures at various points in the community surrounding the incinerator, can only be modeled from the initial waste stream sample data and subsequent predicted emissions. Section 1 of Volume I of this report should be reviewed for a detailed discussion of the methods used to predict emissions.

The methodologies and assumptions employed for air dispersion and deposition modeling and the risk assessment process (exposure assessment, toxicity assessment, risk characterization) are identical to those discussed in Volume I of the Final Draft Report (WESTON, 1991). Therefore, appropriate sections of the Final Draft Report, Volume I, are cited where necessary. The methodology employed for determination of hydrazine rinsewater emission rates differs in a few respects from that used for Basin F liquid; this is discussed in Section 3 of this report.

The risk results presented in Section 7 of this report are calculated on the basis of incinerating the hydrazine rinsewater as a separate rinsewater unit. For comparison purposes, a summary of the risks calculated for the Basin F Liquid is presented in the summary tables of the hydrazine rinsewater risk results. The physical addition of the hydrazine rinsewater to the Basin F liquid will not alter total chemical emissions characteristics or operational properties of the incinerator, since hydrazine rinsewater only represents 2.7% of the total volume of Basin F liquid. Furthermore, it will not alter air modeling isopleths originally employed in the Basin F liquid study. As indicated in Subsections 8.3.2 and 8.3.3 of the Risk Assessment Guidance for Superfund Human Health Evaluation Manual (EPA,1989a), the risk results are assumed to be additive to those calculated for the incineration of the Basin F liquid. It should be noted that a number of chemical entities present in the hydrazine rinsewater are identical to many found in the

Basin F liquid. However, the entire mass of hydrazine waste has been evaluated in this supplemental risk assessment, independent of the Basin F liquid.

SECTION 2 SELECTION OF KEY PATHWAYS AND POLLUTANTS

2.1 INTRODUCTION

The physical and chemical characteristics of the hydrazine rinsewater are summarized in Tables 2-1 and 2-2. The values presented were used in the final selection of contaminants of concern as described later in this section. The purpose of this evaluation was to eliminate those chemicals that would not be of significance in the risk characterization. The final selection was based on various conservative criteria discussed in Section 4 of Volume I of the <u>Final Draft Human Health Risk Assessment</u> (WESTON, 1991).

The process used for the determination of key pathways and pollutant selection was identical to that described in Section 7 of Volume I of the <u>Final Draft Human Health Risk Assessment</u> (WESTON, 1991).

2.2 AIR PATHWAY

The pollutants selected for the inhalation pathway are the same for all scenarios discussed in Section 8 of Volume I of the <u>Final Draft Human Health Risk Assessment</u> (WESTON, 1991). The rationale for this approach is also outlined in Subsection 7.3 of Volume I. A list of the pollutants of concern in the hydrazine rinsewater for this pathway is found in Table 2-3.

2.3 SOIL PATHWAY

All pollutants were screened through the soil pathway based on those criteria presented in Subsection 7.4 of Volume I of the <u>Final Draft Human Health Risk Assessment</u> (WESTON, 1991). All volatile organic compounds (VOCs) were excluded from the soil pathway. The

Table 2-1

Rocky Mountain Arsenal Composition of Hydrazine Rinsewater in Tanks & Sump Chemical & Physical Characteristics

Compounds	Appropriate Synonym	CAS#	Vapor Pressure (mm Hg)	Ref	Henry's Constant (atm-m³/m)	Ref	Log Kow	Ref	BCF	Ref
Aniline	Benzenamine	62-53-3	0.489 (25°C)	Howard 1989	1.36E-01	Howard 1989	0.90	Howard 1989	6.03 ¹ (calc)	Howard 1989
Benzothiazole	NA	95-16-9	NA	NA	NA		2.01	ATSDR 1989a	19.8 ¹ (calc)	ATSDR 1990a
Bis(2-Ethylhexyl) phthalate	DEHP, Dioctyl- Phthalate Di(2- cthylhexyl) phthalate	117-81-7	2E-07 (20°C)	EPA 1987	3E-07	EPA 1987	8.73	EPA 1987	850	ATSDR 1990a
4-Chloroaniline	NA	106-47-8	0.025 (25°C)	Howard 1989	1.07E-05 (calc)	Howard 1989	1.83	Howard 1989	14.5 ¹ (calc)	ATSDR 1990a
Chloroethane	Ethyl Chloride	75-00-3	1000	EPA 1987	1.48E-01	EPA 1987	1.49	EPA 1987	2-9 ¹ (calc)	Howard 1989
1,1- Dichloroethane	Ethylidene Chloride Ethylidene Dichloride	75-34-3	182	EPA 1986b	4.31E-03	EPA 1986b	1.79	EPA 1986b	1.2	Howard 1989
1,2- Dichloroethane	Ethylene Dichloride	107-06-2	64	EPA 1986b	9.78E-04	EPA 1986b	1.48	EPA 1986b	2	EPA 1987
1,2- Dichloropropane	Propylene Chloride	78-875	42	EPA 1987	2.31E-03	EPA 1987	2.00	EPA 1987	NA	NA
Dimethyl disulfide	Methyl Sulfide	75-18-3	NA	NA	NA	NA	1.77	ATSDR 1990b	13 ¹ (calc)	ATSDR 1990a

Table 2-1 (continued)

Compounds	Appropriate Synonym	CAS#	Vapor Pressure (mm Hg)	Ref	Henry's Constant (atm-m³/m)	Ref	Log Kow	Ref	BCF	Ref
Hydrazine	NA	302-01-2	14	EPA 1986b	1.73E-09	EPA 1986b	-3.08	EPA 1986b	2.8 ¹ (calc)	ATSDR 1990a
Lindane	Hexachlorocyclo- hexane (gamma)	58-89-9	4.0E-06 (20°C)	ATSDR 1989b	7.8E-06	ATSDR 1989b	3.3	ATSDR 1989b	130	EPA 1986b
Methyl Ethyl Ketone	2-Butanone	78-93-3	77.5	EPA 1986b	2.74E-05	EPA 1986b	0.26	EPA 1986b	0	EPA 1986b
Methylphenol	4-Cresol,p-Cresol	106-44-5	0.13 (25°C)	Howard 1989	9.6E-07	Howard 1989	1.94	Howard 1989	18 ¹ (calc)	Howard 1989
Monomethyl hydrazine	Methylhydrazine	60-34-4	49.6	Clayton 1981	NA	NA	-3.08	EPA 1986b	2.8 ¹ (calc)	ATSDR 1990a
Naphthalene	Naphthene	91-20-3	0.23	EPA 1987	1.15E-03	EPA 1987	3.35	EPA 1987	430	ATSDR 1990a
Naphthalene carbonitrile (based on Naphthalene)	1-Naphthalene carbonitrite	86-53-3	NA	NA	NA	NA	3.35	EPA 1987	430	ATSDR 1990a
N-Nitrosodi- methylamine	Dimethyl- nitrosamine	62-75-9	8.1 (25°C)	EPA 1987	3.3E-05	EPA 1987	-0.68	EPA 1986b	0	EPA 1986b
Unsymmetrical dimethyl hydrazine	1,1- Dimethylhydrazine	57-14-7	156	Clayton 1981	1.00E-07	EPA 1986b	-2.42	EPA 1986b	2.8¹ (calc)	ATSDR 1990a
Vinyl Acetate	1-Acetoxyethylene acetic acid	108-05-4	85 (20°C)	Howard 1989	4.81E-04	Howard 1989	0.73	Howard 1989	2.53 ¹ (calc)	ATSDR 1990a

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All calculated BCFs were based on Lyman. et. al. 1982.
 Equation: log BCF = 0.76 (log Kow) - 0.23
 If a Kow for a particular chemical was below input range (7.9) and no other alternative existed for deriving a BCF, 7.9 was used to derive a conservative estimate of the BCF.
 NA - Not available.

Table 2-2

Rocky Mountain Arsenal Composition of Hydrazine Rinsewater in Tanks & Sump Additional Chemical & Physical Characteristics

Compounds (µg/L)	Solubility (mg/L)	Ref	Koc (mL/g)	Ref	Soil Half Life	Ref	Fish Consumption AWQCs (mg/L)	Ref	Whole Body Half Life	Ref
Aniline	3.6E+04 (25°C)	Howard 1989	73.5 ¹ (calc)	ATSDR 1990a	NA	NA	NA	NA	NA	NA
Benzothiazole	NA	NA	295.4 ¹ (calc)	ATSDR 1990a	NA	NA	NA	NA	NA	NA
Bis(2- Ethylhexyl)phthalate	3E-01 (25°C)	Howard 1989	87,420	Howard 1989	148 days	ATSDR 1989b	NA	NA	12 hr	ATSDR 1989b
4-Chloroaniline	3.9E+03	Howard 1989	230-469	Howard 1990	NA	NA	NA	NA	NA	NA
Chloroethane	5.74E+03 (20°C)	EPA 1987	143¹ (calc)	Howard 1989	NA	NA	NA	NA	NA	NA
1,1-Dichlorethane	8.69E+03	EPA 1986b	14	EPA 1986b	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	5.50E+03	EPA 1986b	30	EPA 1986b	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	8.52E+03	EPA 1986b	14	EPA 1986b	NA	NA	2.43E-01	EPA 1986a	NA	NA
Dimethyl disulfide	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydrazine	3.41E+08	EPA 1986b	0.1	EPA 1986b	NA	NA	NA	NA	NA	NA
Lindane	1.7E+01	ASTDR 1989b	1,000	ATSDR 1989b	100 days	ATSDR 1990c	3.1E-05	ATSD R 1989b	NA	NA

Solubility Koc (mg/L) Ref (mL/g)	Koc (mL/g)		Ref	Soil Half Life	Ref	Fish Consumption AWQCs (mg/L)	Ref	Whole Body Half Life	Ref
EPA 1986b 4.5	4.5		EPA 1986b	NA	NA	NA	NA	49-96 min. plasma half life inhalation	ATSDR 1989b
2.26E+04 Howard 1989 49	64		Howard 1989	NA	NA	NA	NA	NA	NA
NA NA NA	AN		NA	NA	NA	NA	NA	NA	NA
33 EPA 871	871		Howard 1989	3.6 mos	Howard 1989	6.20 E- 01^{2}	EPA 1986a	NA	NA
NA NA NA	NA		NA	NA	NA	NA	NA	NA	NA
1.0E+06 EPA 1,000	1,00	0	ATSDR 1989b	50 days	ATSDR 1989b	NA	NA	NA	NA
EPA 1.24E+08 1986b 0.2	0.2	•	EPA 1986b	NA	NA	NA	NA	NA	NA
20,000 Howard 19-59 ¹ (20°C) 1989 (calc)	19-5 (calc	91	Howard 1989	NA	NA	NA	NA	WA	NA

¹ KOC data were not available for several chemicals. In these instances, the valves were calculated based on the log kow. If the chemical was an aromatic with a log kow between 2 to 6.6, the following equation was used:

log KOC = 0.937 log KOW - 0.006 (Lyman et. al. 1982)

For aromatics with a log KOW falling outside the given range as well as all other organic substances, the following equation was used: log KOC = 0.544 log KOW + 1,377 (Lyman et.al. 1982)

NA - not available.

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² AWQC for the protection of freshwater aquatic life from chronic effect.

Table 2-3
Selection of Pollutants of Concern in the Hydrazine Rinsewater

Chemical	Inhalation Pathway	Soil pathway	Surface Water Pathway
ORGANICS	Х		
Acetone	Х	X	X
Acetonitrile	Х		
Acrylonitrile	Х	X	X
Aldrin	Х	X	X
Aniline	Х	X	X
Atrazine	X	X	X
Benzene	X		
Benzaldehyde	X		
Benzofuran	X	X	X
Benzoic Acid	X	X	X
Benzonitrile	X	х	X
Benzothiazole	X	X	X
Biphenyl	X		
Bis(2-ethylhexyl)phthalate	X	X	X
Carbazole	X	X	X
Carbon Tetrachloride	X		
4-Chloroaniline	X	Х	X
Chlorobenzene	X		
4-Chlorobiphenyl	X	X	X
4,4-Chlorobiphenyl	X	X	X
Chloroethane	X	X	X
Chloroform	X		
Dibenzofuran	X	X	X
Dichlorobenzenes (total)	X		

Table 2-3 (continued)

Chemical	Inhalation Pathway	Soil pathway	Surface Water Pathway
1,4-Dichlorobenzene	X		
1,1-Dichloroethane	Х		
1,2-Dichloroethane	X	X	X
1,1-Dichloroethene	X		
1,2-Dichloroethene	X		
1,2-Dichloropropane	X		
Dieldrin	X	X	X
Dimethyldisulfide	X		
Hexachlorobenzene	X	Х	X
Hydrazine	X	Х	Х
Lindane	X	X	Х
Malathion	X	Х	Х
Methyl chloride	х		
Methylene chloride	X		
Methyl ethyl ketone	х	х	X
4-Methylphenol	X	Х	X
Monomethyl hydrazine	X	х	X
Naphthalene	X	х	X
Naphthalene carbonitrile	Х	х	X
n-Nitrosodimethylamine	Х	Х	X
PAHs			
Acenaphthalene	X	Х	X
Acenaphthene	X	х	X
Benzo(a)pyrene	X	X	X
Chrysene	X	X	X
Dibenzo(a,h,)anthracene	X	Х	X
Fluoroanthene	X	х	
Fluorene	X	X	X
Phenanthrene	X	X	Х

Table 2-3 (continued)

Chemical	Inhalation Pathway	Soil pathway	Surface Water Pathway
Pyrene	X	X	Х
Parathion	X	X	Х
Pentachlorobenzene	X	X	
Phenol	X	X	
Pydirine	X		
Quinoline	X	X	X
Tetrachlorobenzene	X	X	
Tetrachloroethene	X		
Toluene	X	Х	
Trichlorobenzene	X		X
Trichloroethene	Х	Х	
Unsym. dimethyl hydrazine	X	Х	X
Vapona	X		X
Vinyl acetate	Х		
Vinyl chloride	X		
Xylenes (total)	X		
INORGANICS			
Arsenic	X	Х	X
Cadmium	X	Х	
Chromium (III)	X		
Chromium (VI)	X		
Copper	X		x
Iron	Х		
Lead	Х		
Mercury	X	Х	
Selenium	Х		
Silver	х		
Zinc	х		Х

VOCs excluded from the soil pathway included chloroethane, 1,1-dichloroethane, and vinyl acetate. All other organic compounds predicted in the emissions list were included for evaluation in the final soil pathway. All inorganics, except for arsenic, cadmium, and mercury were eliminated from the soil pathway on the basis of the background soil criteria discussed in Subsection 7.4 of Volume I, of WESTON (1991). The final list of pollutants that were evaluated for the soil pathway is presented in Table 2-3. Table 2-4 shows the screening data used to exclude inorganic compounds (i.e., metals) from the soils pathways. Only those metals for which emission rates could be predicted are included.

2.4 SURFACE WATER PATHWAY

The approach for excluding pollutants via the surface water pathway is outlined in Subsection 7.5 of Volume I (WESTON, 1991). Table 2-3 is a list of pollutants of concern in the hydrazine rinsewater for this pathway. Note that all VOCs were excluded from the surface water pathway using the same criteria as employed for soils. In addition, surface water concentrations for the pollutants were selected for analysis in the surface water pathway if the predicted surface water concentrations for a given chemical exceeded 10% of its respective AWQC. Table 2-5 presents a comparison of Tier 1 surface water concentrations with the AWQC for those compounds that were screened out of the surface water pathway.

2.5 CONSUMPTION OF BREAST MILK

The selection of pollutants in this pathway was identical to Subsection 7.6 of Volume I of (WESTON, 1991). All organic compounds were included in the evaluation of the breast milk consumption pathway for noncarcinogenic effects. Those organics classified as oral carcinogens were evaluated by this pathway. Inorganics were excluded from this evaluation because of the insufficiency of data for estimating breast milk concentrations.

Selection of Contaminants of Potential Concern for the Hydrazine Rinsewater

Inorganic Pollutants	RMA Upper Range Emission Rates g/sec	Upper 95% Deposition Rate g/M2/yr	Background Soil Concentration Mean (a) mg/Kg	Concentration in Soil .01M Upper 95% Emissions mg/Kg	Soil: Background Ratio Mean	Soil Concentration as % of Background Mean
Arsenic (d,e)	4.24E-08	5.68E-09	ND (a)	7.97E-07	NA	NA
Cadmium (d)	3.10E-10	4.15E-11	ND (a)	5.83E-09	NA	NA
Chromium III	1.29E-09	1.73E-10	14.4 (a)	2.43E-08	1.69E-09	0.000 (f)
Chromium IV	4.42E-11	5.92E-12	1.44 (b)	8.31E-10	5.77E-10	0.000
Copper	3.17E-09	4.25E-10	8 (a)	5.96E-08	7.45E-09	0.000
Iron	9.68E-05	1.30E-05	16424 (c)	1.82E-03	1.11E-07	0.000
Lead (d,e)	1.63E-09	2.18E-10	15.3 (a)	3.07E-08	2.00E-09	0.000
Mercury (d)	2.02E-09	2.71E-10	ND (a)	3.80E-08	NA	NA
Selenium	5.21E-09	6,98E-10	(c) 0.97	9.80E-08	1.01E-07	0.000
Silver	3.24E-11	4.34E-12	8.3 (c)	6.09E-10	7.34E-11	0.000
Zinc	1.43E-08	1.92E-09	42.2 (a)	2.69E-07	6.37E-09	0.000

Source: Personal Communication with Katherine Cain (PMRMA), 1991. These data were collected under the off-post RI and is in the RMA database.

Assumed 10% of total chromium.

EEE

Source: WESTON, Draft Background Geographical Characterization Report, Rocky Flats Plant, Golden, Colorado.
Selected as a contaminant of concern for soil pathway analysis. However, at EPA's request, lead was not evaluated for potential noncarcinogenic and carcinogenic risks. Rather, for lead, estimated soil concentrations were compared to clean-up criteria, and air concentrations to air quality standards.

Carcinogen by oral route of administration. Values shown as 0,0000 are <0.001 because of rounding off to the nearest one-thousandth. (e) Carcinogen by oral route of
 (f) Values shown as 0.0000 are
 NA - Not able to be calculated.

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Tier 1 Surface Water Pathway Screening Analysis for Hydrazine Rinsewater

Pollutants	Emission Rate (g/sec)	Total Deposition Rate (g/m2*yr)	Total Basin Deposition (g/yr)	Water Concentration (mg/L)	AWQC Fish Ingestion (mg/L)
Organics					
Fluoranthene	5.42E-12	4.88E-15	6.32E-10	1.16E-15	5.40E-02
Pentachlorobenzene	6.67E-13	6.00E-16	7.77E-11	1,43E-16	8.50E-02
Phenol	5.60E-12	5.04E-15	6.53E-10	1.20E-15	3.50+00
Tetrachlorobenzene	3.27E-13	2.94E-16	3.81E-11	7.02E-17	4.80E-02
Inorganics					
Cadmium	3.10E-10	2.79E-13	3.61E-08	6.66E-14	1.00E-02
Chromium (VI)	1.34E-09	1,21E-12	1.56E-07	2.88E-13	5.00E-02
Iron	9.68E-05	8.71E-08	1,13E-02	2.08E-08	3.00E-01
Lead	1.63E-09	1,47E-12	1,90E-07	3.50E-13	5.00E-02
Mercury	2.02E-09	1,82E-12	2.35E-07	4,34E-13	1.46E-04
Selenium	5.21E-09	4.69E-12	6.07E-07	1.12E-12	1.00E-02
Silver	3.24E-11	2.92E-14	3.78E-09	6.96E-15	5.00E-02

⁸AWQC for water and fish ingestion for chromium (VI), which are lower (more conservative) than chromium (III).

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SECTION 3 ESTIMATION OF EMISSION RATES

Incremental emission estimates were developed by WESTON for the option of incinerating the hydrazine rinsewater in the SQI proposed for the Basin F liquid waste. The development of the emission estimates, as well as the risk assessment as a whole, treat the hydrazine rinsewater as a negligible addition to the Basin F liquid waste (only 2.7% of the total) that will not affect the combustion or physical flue gas characteristics of the proposed incinerator (i.e., the destruction of the Basin F liquid and hydrazine rinsewater are independent and no additional atmospheric dispersion and deposition modeling will be required of the combined Basin F liquid and hydrazine rinsewater). Many of the organics and all of the inorganics in the hydrazine rinsewater were previously evaluated in the Basin F Liquid Incineration Project, Volume I of the Final Draft Human Health Risk Assessment (WESTON, 1991).

The waste feed characteristics of the composite rinsewater were based on the results of the chemical characterization provided by Harding Lawson Associates (ESE, 1989) with the concurrence of the U.S. Army. The composite hydrazine rinsewater waste feed characteristics were based on burning all of the 50,000 gallons in Tank US-3, 200,000 gallons in Tank US-4, and 40,000 gallons in the In-Ground Sump within the 2-year period of the proposed incinerator operation, assuming 7,000 operating hours per year. A summary of emission rates for principal organic hazardous constituents (POHCs) and products of incomplete combustion (PICs) is presented in Tables 3-1 and 3-2, respectively. The organic compound concentration data, the resultant estimate of the composite waste feed and its basis, and the Destruction Removal Efficiencies (DREs) are presented in Subsection 9.5 (Supporting Documentation in this volume). The base case concentration for each compound in each individual tank or sump was estimated from the averages of the three analyses for that compound and source. Only those compounds with at least one value above the detection limit were considered. For compounds with at least one sample value

Table 3-1

Organic Emission Rates from Incineration
of Rocky Mountain Arsenal Hydrazine Rinsewater
(Principal Organic Hazardous Constituents)

Compounds	Normalized Emission Rate (tons/yr)	Normalized Destruction Efficiency (%)	Emission Rate (grams/sec)
Acetone	3.500E-09	99.9900	1.26E-10
Aldrin	4.910E-12	99.9900	1.77E-13
Aniline	1.780E-07	99.9900	6.41E-09
Atrazine	1.100E-09	99.9900	3.96E-11
Benzene	1.020E-09	99,9900	3.67E-11
Benzothiazole	3.690E-10	99.9900	1.33E-11
bis(2-Ethylhexyl)phthalate	2.180E-15	99.9900	7.85E-12
4-Chloroaniline	1.020E-10	99.9900	3.67E-12
Chlorobenzene	2.450E-10	99,9900	8.82E-12
Chloroethane	8.990E-09	99.9900	3.24E-10
Chloroform	4.380E-08	99.9900	1.58E-09
Chloromethane	1.210E-09	99.9900	4.36E-11
1,1-Dichloroethane	2.920E-09	99.9900	1.05E-10
1,2-Dichloroethane	9.110E-10	99.9900	3.28E-11
1,1-Dichloroethene	1.560E-09	99.9900	5.62E-11
1,2-Dichloropropane	5.790E-10	99.9900	2.08E-11
Dieldrin	9.020E-12	99.9900	3.25E-13
Dimethyl Disulfide	2.480E-09	99.9900	8.93E-11
Hydrazine	3.070E-05	99.9900	1.11E-06
Lindane	4.190E-12	99.9900	1.51E-13
Malathion	1.240E-11	99.9900	4.46E-13
Methylene Chloride	7.310E-08	99.9900	2.63E-09
Methylethyl ketone	1.530E-09	99.9900	5.51E-11
4-Methylphenol	1.390E-09	99.9900	5.00E-11
Monomethyl hydrazine	9.720E-06	99,9900	3.50E-07

Compounds	Normalized Emission Rate (tons/yr)	Normalized Destruction Efficiency (%)	Emission Rate (grams/sec)
Naphthalene	1.640E-10	99.9900	5.90E-12
N-Nitrosodimethylamine	9.880E-09	99.9900	3.56E-10
Parathion	1.960E-11	99.9900	7.06E-13
Phenanthrene	3.076E-11	99.9891	1.11E-12
Phenol	1.555E-10	99.9775	5.60E-12
Tetrachlorethene	1.670E-10	99.9900	6.01E-12
Toluene	2.660E-09	99.9900	9.58E-11
Trichloroethene	1.780E-09	99.9900	6.41E-11
Unsymmetrical dimethyl hydrazine	3.840E-05	99.9900	1.38E-06
Vapona	7.740E-11	99.9900	2.79E-12
Vinyl acetate	1.100E-09	99.9900	3.96E-11
Vinyl chloride	1.020E-09	99.9900	3.67E-11
o,p-Xylene (total)	1.900E-10	99.9900	6.84E-12

Table 3-2

Organic Emission Rates from Incineration
of Rocky Mountain Arsenal Hydrazine Rinsewater
(Products of Incomplete Combustion)

PICs with Specific Precursors	Normalized Emission Rate (tons/yr)	Emission Rate (grams/sec)
Acenaphthalene	3.958E-08	1.42E-09
Acenaphthene	3.958E-08	1.42E-09
Acetonitrile	3.174E-06	1.14E-07
Acrylonitrile	1.347E-06	4.85E-08
Benzaldehyde	8.111E-08	2.92E-09
Benzo(a)pyrene	7.916E-08	2.85E-09
Benzofuran	3.958E-07	1.42E-08
Benzoic Acid	3.962E-08	1.43E-09
Benzonitrile	8.653E-07	3.12E-08
Biphenyl	3.976E-07	1.43E-08
Carbazole	1.781E-09	6.41E-11
Carbon Tetrachloride	5.155E-09	1.86E-10
4-Chlorobiphenyl	2.511E-10	9.04E-12
Chrysene	7.916E-09	2.85E-10
Dibenzo(a)anthracene	7.916E-08	2.85E-09
Dibenzofuran	7.916E-09	2.85E-10
Dichlorobenzene	1.021E-09	3.67E-11
4,4'-Dichlorobiphenyl	1.265E-11	4.55E-13
1,2-Dichloroethene	1.350E-09	4.86E-11
Fluoranthene	7.916E-08	2.85E-09
Fluorene	7.916E-09	2.85E-10
Hexachlorobenzene	2.385E-08	8.59E-10
Naphthalene Carbonitrile	8.653E-07	3.12E-08
Pentachlorobenzene	9.734E-09	3.50E-10
Pyrene	1.583E-07	5.70E-09

Table 3-2 (continued)

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PICs with Specific Precursors	Normalized Emission Rate (tons/yr)	Emission Rate (grams/sec)
Pyridine	8.653E-07	3.12E-08
Quinoine	8.905E-09	3.21E-10
Tetrachlorobenzene	4.769E-09	1.72E-10
Trichlorobenzene	2.420E-09	8.71E-11

above the detection limit was assumed for the analyses when the compound was not detected. The composite feed characterization was calculated as the sum of the average values, which were weighted relative to the total quantity in the tank or sump, and were then used as the basis for estimating emissions.

The organic compound feed rates were provided to Dr. Barry Dellinger of the University of Dayton Research Institute in order to estimate the thermal destruction of POHCs and PICs based on the results of his laboratory studies. In order to ensure a conservatively high estimate of risk, the destruction efficiency of POHCs, i.e., the compounds in the waste feed, were limited to a maximum of 99.99% and the emission of PICs were not normalized. This is the same approach used for the Basin F liquid as described in Section 5, Volume I and Appendix 5B Volume II of (WESTON, 1991).

Metals emissions were estimated by WESTON using the same methodology and assumptions that were used for the Basin F liquid waste (as discussed in Section 5, Volume I and Appendix 5A, Volume II; WESTON, 1991). The only differences in methodology and assumptions from the analysis of metals emissions from the Basin F liquid are that no test burn results were available for evaluation.

A summary of the metals emission rates is shown in Table 3-3. Supporting documentation for the metals is presented in Subsection 9.5 of this volume.

Dioxins/furans, criteria pollutants and acid gas emissions were also not considered in the incremental analysis for the addition of the hydrazine rinsewater to the Basin F liquid incinerator because emissions of these pollutants were considered in the Basin F liquid analysis. Estimates of these emissions would not be changed by the addition of the hydrazine rinsewater because these emission estimates are based on the volumetric flue gas flow rate. This flow rate was assumed to be only negligibly affected by the additional waste

Table 3-3

Incremental Metals Emission Rates for Rocky Mountain Arsenal Hydrazine Rinsewater

		Base Case (a)		S	Sensitivity Case (b)	(
Pollutant	(ton/yr)	(lb/hr)	(g/sec)	(ton/yr)	(lb/hr)	(g/sec)
Aluminum	NA	NA	NA	NA	NA	NA
Antimony	NA	NA	NA	NA	NA	NA
Arsenic	1.04E-06	2.98E-07	3.76E-08	1.18E-06	3.36E-07	4.24E-08
Barium	NA	NA	NA	NA	NA	NA
Beryllium	NA	NA	NA	NA	NA	NA
Boron	NA	NA	NA	NA	NA	NA
Cadmium	6.06E-09	1.73E-09	2.18E-10	8.62E-09	2.46E-09	3.10E-10
Calcium	NA	NA	NA	NA	NA	NA
Chromium	2.78E-08	7.95E-09	1.00E-09	3.73E-08	1.06E-08	1.34E-09
Cobalt	NA	NA	NA	NA	NA	NA
Copper	3.97E-08	1.13E-08	1.43E-09	8.81E-08	2.52E-08	3.17E-09
Iron	9.63E-04	2.75E-04	3.47E-05	2.69E-03	7.68E-04	9.68E-05
Lead	3.91E-08	1.12E-08	1.41E-09	4.54E-08	1.30E-08	1.63E-09
Lithium	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA

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Table 3-3 (continued)

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·		Base Case (a)		Š	Sensitivity Case (b)	
Pollutant	(ton/yr)	(lb/hr)	(g/sec)	(ton/yr)	(Ib/hr)	(g/sec)
Mercury	3.92E-08	1.12E-08	1.41E-09	5.60E-08	1.60E-08	2.02E-09
Molybdenum	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA
Potassium	NA	NA	NA	NA	NA	NA
Selenium	1.19E-07	3.39E-08	4.27E-09	1.45E-07	4.14E-08	5.21E-09
Silicon	NA	NA	NA	NA	NA	NA
Silver	5.42E-10	1.55E-10	1.95E-11	9.00E-10	2.57E-10	3.24E-11
Sodium	NA	NA	NA	NA	NA	NA
Strontium	NA	NA	NA	NA	NA	NA
Thallium	NA	NA	NA	NA	NA	NA
Tin	NA	NA	NA	NA	NA	NA
Titanium	NA	NA	NA	NA	NA	NA
Vanadium	NA	NA	NA	NA	NA	NA
Yttrium	NA	NA	NA	NA	NA	NA
Zinc	3.12E-07	8.90E-08	1.12E-08	3.97E-07	1.13E-07	1.43E-08

NA - Not applicable.

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feed since the incinerator capacity would be essentially the same. The hydrazine rinsewater totals only 290,000 gallons compared with the 10,500,000 gallons of the Basin F liquid. Therefore, the hydrazine rinsewater comprises only 2.7% of the combined total. Decontamination water totaling 80,000 gallons will also be incinerated but this is only 0.7% of the combined total, so it is also expected to have a negligible effect.

SECTION 4

AIR QUALITY AND DEPOSITION MODELING ANALYSIS

4.1 INTRODUCTION

In the calculations of the human health risk assessment based on the hydrazine rinsewater, it was assumed that the physical characteristics of the incinerator, the points of exposure, and the deposition area had not changed from those incorporated in Volume I of WESTON (1991) based on the Basin F liquid waste. A detailed description of the air quality and deposition modeling analysis is found in Section 6 of Volume I and Appendix 6A of Volume II of WESTON (1991).

SECTION 5 EXPOSURE ASSESSMENT

5.1 INTRODUCTION

The exposure assessment for the hydrazine rinsewater was performed identically to the methods described in Section 8 of Volume I of WESTON (1991). The four potential reasonable maximally exposed individuals (RMEIs), their locations, appropriate exposure routes, and general assumptions for each scenario are described therein. Refer to the supporting documentation tables in Sections 9 of this volume for data regarding exposure algorithms and doses for each scenario, routes of exposure, and pollutants in the hydrazine rinsewater.

SECTION 6 TOXICITY ASSESSMENT

6.1 INTRODUCTION

The toxicity assessment for the hydrazine rinsewater was performed identically to the methods discussed in Section 9 of Volume I of WESTON (1991). It should be noted that a number of chemicals present in the hydrazine rinsewater also were evaluated in Volume I of WESTON (1991). Table 6-1 presents toxicity values for only those chemicals not originally evaluated. However, risk calculations calculated in Section 9 of the Supporting Documentation in this volume were determined for all chemicals present in the hydrazine rinsewater.

6.2 CANCER SLOPE FACTORS

The slope factors for the carcinogenic pollutants that were not initially evaluated in Volume I of WESTON (1991) are presented in Table 6-1. The reference or basis for each of the slope factors is indicated.

6.3 REFERENCE DOSES FOR NONCARCINOGENIC EFFECTS

Table 6-2 summarizes the reference doses for noncarcinogenic effects of chemicals not previously evaluated in Volume I of WESTON (1991).

Table 6-1

Slope Factors for Carcinogens [(mg-kg/day-1)] in Hydrazine Rinsewater

Poliutants	EPA Carcinogenic Classification	IARC Carcinogenic Classification	Inhalation Route Slope Factor	Reference or Basis of Inhalation Slope Factor	Oral Route Slope Factor	Reference or Basis of Oral Slope Factor	Dermal Route Slope Factor*
Aniline	B2	2 B	5.70E-03	OSF	5.70E-03	EPA, 1990	1.14E-02 (sv)
bis(2-Ethylhexyl) phthalate	B2	N	1.40E-02	OSF	1.40E-02	EPA, 1990	2.80E-02 (sv)
1,1-Dichloroethane	С	NL	NSF	NA	NSF	NA	NSF
1,2-Dichloroethane	B2	2B	9.10E-02	EPA, 1990	9.10E-02	EPA, 1990	1.82E-01 (sv)
1,1-dimethyl hydrazine (uns)	C	2B	8.70E+00	OSF	8.70E+00	EPA, 1990	1.74E+01 (sv)
Hydrazine	B2	2B	1.71E+01	EPA, 1990	3.00E+00	EPA, 1990	6.00E+00 (sv)
Lindane	B2	NL	1.30E+00	OSF	1.30E+00	EPA, 1990	2.60E+00 (sv)
4-Methylphenol	၁	N	NSF	NA	NSF	NA	NSF
Monomethyl hydrazine	NL	NL	1.10E+00	OSF	1.10E+00	EPA, 1990	2.20E+00 (sv)
N-Nitrosodimethyl- amine	B2	2A	5.10E+01	EPA, 1990	5.10E+01	EPA, 1990	1.02E+02 (sv)

EPA, 1990 = Health Effects Assessment Summary Tables, Fourth Quarter, United States Environmental Protection Agency, Sept. 1990.

NL = Carcinogenicity not categorized.

NSF = No slope factor available.

OSF = Oral slope factor.

* Substance was treated as a volatile (v) or semi-volatile (sv) in deriving the dermal slope factor.

NA - Not available.

Reference Doses (RfDs) for Noncarcinogens (mg/kg/day) in Hydrazine Rinsewater

Pollutants	Inhalation Route RfD	Reference or Basis of Inhalation RfD	Oral Route RfD	Reference or Basis of Oral RfD	Dermal Route RfD*
Aniline	7.76E-03	ACGIH-TWA	1.95E-03	Derived	9.75E-04 (sv)
Benzothiazole	1.00E-03	Oral RfD	1.00E-03	Derived	5.00E-04 (sv)
bis(2-Ethylhexyl)phthalate	5.10E-03	ACGIH-TWA	4.00E-03	EPA, 1990	1.00E-02 (sv)
4-Chloroaniline	4.00E-03	Oral RfD	4.00E-03	EPA, 1990	2,00E-03 (sv)
Chloroethane	2.65E+00	ACGIH-TWA	NRD	NA	NC (v)
1,1-Dichloroethane	1.00E-01	EPA, 1990	1.00E+01	EPA, 1990	NC (v)
1,2-Dichloroethane	4.08E-02	ACGIH-TWA	4.89E-03	Derived	2.45E-03 (sv)
1,1-dimethyl hydrazine(uns)	1,22E-03	ACGIH-TWA	1.22E-03	Derived	6.10-04 (sv)
Hydrazine	1.33E-04	ACGIH-TWA	6.00E-04	Derived	3.00-04 (sv)
Lindane	5.10E-04	ACGIH-TWA	3.00E-04	EPA, 1990	1.50-04 (sv)
Methyl ethyl ketone	9.00E-02	EPA, 1990	5.00-01	EPA, 1990	2.50-02 (sv)
4-Methylphenol	1.02E-02	REL	5.00-02	EPA, 1990	2,50-02 (sv)
Monomethyl hydrazine	1.94E-05	ACGIH-TWA	2.20E-04	Derived	1.10E-04 (sv)
Naphthalene	5.10E-02	ACGIH-TWA	4,00E-03	EPA, 1990	2.00-03 (sv)
Naphthalene Carbonitrile	5.10-02	ACGIH-TWA	4.00E-03	EPA, 1990	2,00-03 (sv)
N-Nitrosodimethylamine	2.80E-04	Oral RfD	2.80E-04	Derived	1.40E-04 (sv)
Vinyl acetate	2.00E-01	EPA, 1990	1.00E+00	EPA, 1990	NC (v)

ACGIH-TWA = American Conference of Governmental Industrial Hygienists Time Weighted Average. EPA, 1990 = Health Effects Assessment Summary Tables. 4th Quarter. United States Environmental

Protection Agency, Sept. 1990.

NRD = No reference dose available and it cannot be derived.

Derived = Derived from existing toxicity data (see Appendix

9A, Vol. II for procedure).

NC = Not of concern through this exposure route (see
Section 8 of Vol. I of the Final Draft, Human Health Risk Assessment

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* Substance was treated as a volatile (v) or semi-volatile (sv) in deriving the dermal reference dose.

Note: The reference dose for Naphthalene was used for Naphthalene Carbonitrile because an appropriate reference dose could not be derived.

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SECTION 7 RISK CHARACTERIZATION AND DISCUSSION

7.1 INTRODUCTION

In this section, both carcinogenic and noncarcinogenic risks, as a result of exposure under both base and sensitivity case emissions rates, were evaluated based on the daily intake of pollutants outlined in Section 5 and the toxicity values presented in Section 6. The total lifetime carcinogenic risk and the noncarcinogenic hazard indices were calculated according to the procedures described in Section 10 of Volume I of WESTON (1991). Section 10 of Volume I specifically discusses the calculations and the application of the sensitivity case emissions. For comparison, the risk results contained in Volume I of WESTON (1991) are presented in Tables 7-1 and 7-2.

7.2 RISK RESULTS

7.2.1 Carcinogenic Risks

Table 7-1 shows the carcinogenic risk comparisons between hydrazine rinsewater and Basin F liquid waste for all four scenarios under base case and sensitivity case emissions. Note that base case emissions most closely approximate the "reasonable maximum exposure" described in Superfund guidance by EPA (1989a). Hydrazine rinsewater incineration, exclusive of Basin F liquid risk, results in a 1.2E-08 cancer risk in both base case and sensitivity case emission conditions for the Farmer scenario. Farmer scenario represents the highest cancer risk of all four scenarios. Assuming additivity with Basin F liquid waste (WESTON has made the same air modeling and exposure assumptions for both hydrazine rinsewater and Basin F liquid incineration), the total cancer risk under base case emissions for the Farmer scenario is 5.8E-08 and under sensitivity case emissions is 7.2E-08. Figure 7-1 representing the additivity of Basin F and hydrazine rinsewater illustrates the

Table 7-1

Total Lifetime Carcinogenic Risk for Hydrazine
Rinsewater and Basin F Liquid - Rocky Mountain Arsenal
for Four Exposure Scenarios

		Lifetime Card	einogenic Risk	
	Base Case	e Emissions	Sensitivity C	Case Emissions
Exposure Scenario	Hydrazine	Basin F Liq ¹	Hydrazine	Basin F Liq ¹
Resident A				
Adult	1.0E-08	6.7E-10	1.0E-08	9.1E-10
Child	1.6E-09	7.2E-09	1.6E-09	1.8E-08
Infant	6.5E-10	6.1E-09	6.5E-10	2.8E-08
Total	1.2E-08	1.4E-08	1.2E-08	4.7E-08
Resident B				
Adult	1.6E-08	7.6E-10	1.6E-08	1.0E-09
Child	2.4E-09	1.6E-09	2.4E-09	3.8E-09
Infant	9.6E-10	1.3E-09	9.6E-10	5.6E-09
Total	2.0E-08	3.6E-09	2.0E-08	1.0E-08
Farmer				
Adult	4.1E-08	2.0E-09	4.1E-08	3.0E-09
Child	6.9E-09	2.9E-09	6.9E-09	7.0E-09
Infant	2.4E-09	2.4E-09	2.4E-09	1.1E-08
Total	5.1E-08	7.3E-09	5.1E-08	2.1E-08
Worker				
Adult	6.3E-12	6.8E-10	6.4E-12	1.8E-09
Total	6.3E-12	6.8E-10	6.4E-12	1.8E-09

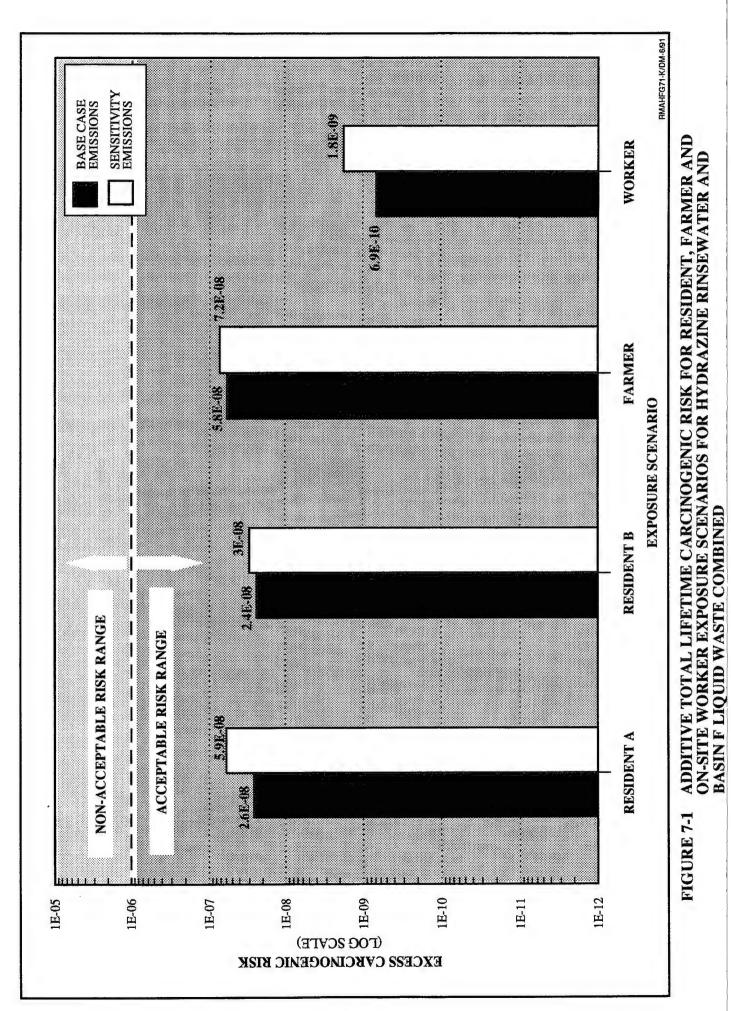
¹ Risk results extracted from Final Draft Human Health Risk Assessment, Volume I, June 1991. (DCN 3886-44-01-ABTD).

Table 7-2

Hazard Indices Calculated for Adult, Child, and Infants for Hydrazine Rinsewater and Basin F Liquid Under Four Exposure Scenarios

		Hazar	d Index	
	Base Case	Emissions	Sensitivity C	Case Emissions
Exposure Scenario	Hydrazine	Basin F Liq ¹	Hydrazine	Basin F Liq ¹
Resident A				
Adult	1.7E-05	7.3E-02	2.3E-05	1.5E-01
Child	3.5E-05	1.7E-01	4.9E-05	3.3E-01
Infant	5.0E-05	1.1E-01	5.9E- 05	2.3E-01
Resident B Adult	1.9E-05	1.5E-02	2.0E-0 5	3.0E-02
Child	3.6E-05	3.4E-02	3.9E-05	6.7E-02
Infant	6.6E-05	2.4E-02	6.7E-05	4.7E-02
Farmer Adult	4.1E-05	2.6E-02	4.3E-05	5.2E-02
Child	8.9E-05	5.9E-02	9.3E-05	1.2E-01
Infant	1.5E-04	4.1E-02	1.5E-04	8.2E-02
Worker Adult	6.4E-07	7.5E-03	1.3E-06	1.5E-02

¹ Risk results extracted from Final Draft Human Health Risk Assessment, Volume I, June 1991. (DCN 3886-44-01-ABTD).



differences for all four scenarios. These values are between one and two orders of magnitude lower than the value of 1E-06 developed in the <u>Final Decision Document</u> (Woodward-Clyde Consultants, 1990).

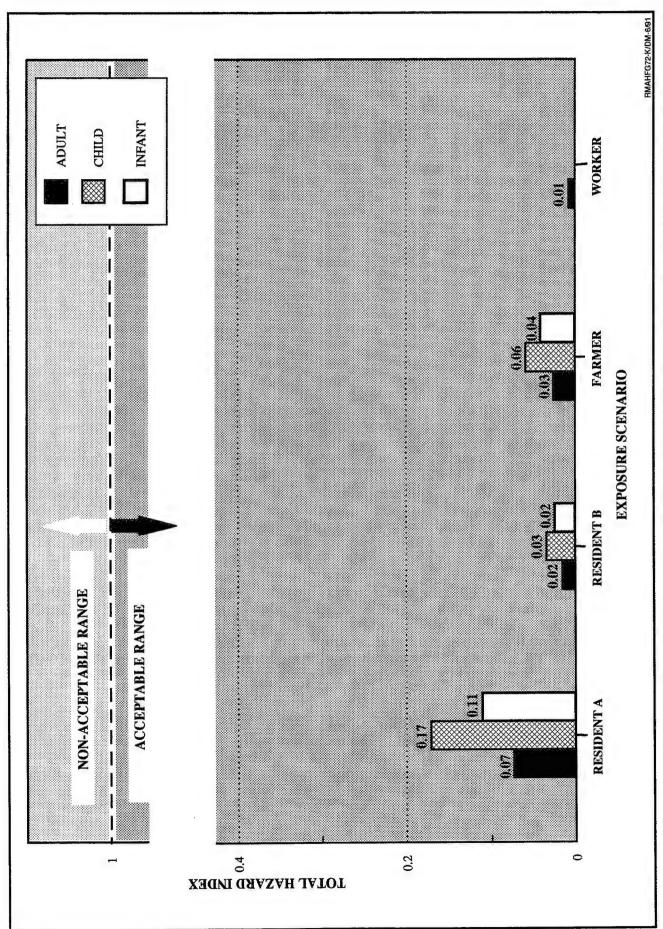
7.2.2 Noncarcinogenic Effects

Table 7-2 summarizes the hazard indices for adult, child, and infant for incineration of hydrazine rinsewater and Basin F liquid waste under all four scenarios. These values, like carcinogenic risk, have been calculated under base case and sensitivity case emissions. The highest hazard index for hydrazine rinsewater was the infant farmer scenario (sensitivity case), which was calculated to be 1.5E-04. This is between three and four orders of magnitude below the value of 1.0 promulgated in the <u>Final Decision Document</u> (Woodward-Clyde Consultants, 1990). Assuming additivity between individual hazard indices, the highest combined exposure would be the sensitivity case for the child Resident-A scenario at a hazard index of 3.3E-01. This and all combinations are illustrated in Figure 7-2 for base case emissions, and Figure 7-3 for sensitivity case emissions.

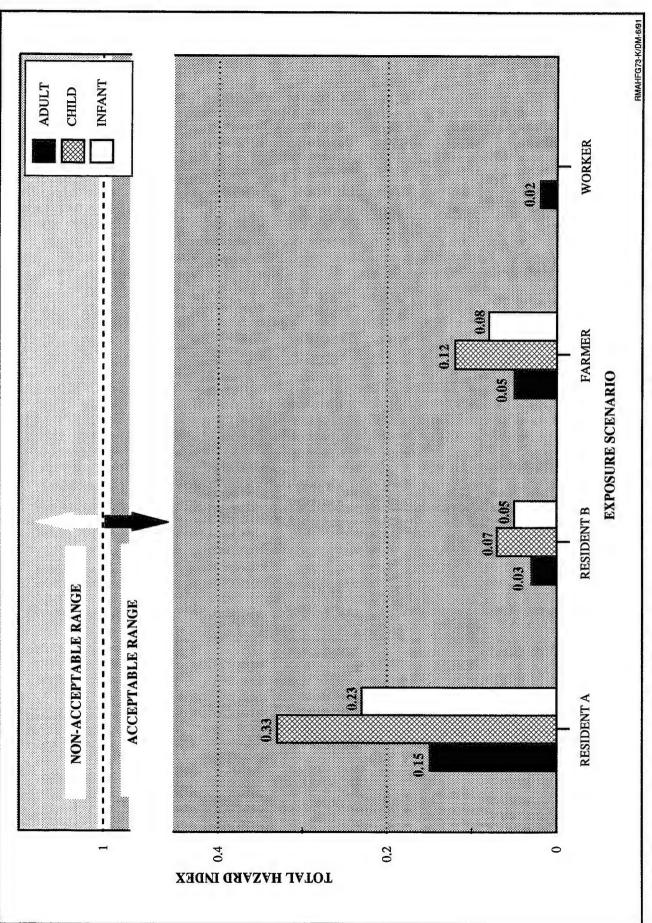
7.2.3 Conclusions

The overall uncertainty inherent in this risk assessment has been thoroughly discussed in Volume I, Section 10 of WESTON (1991). The reader is encouraged to review Section 10 of Volume I (WESTON, 1991) to gain an understanding of the conservatism underlying the final calculations. Note that the same air modeling and exposure assumptions have been made for both Basin F liquid and hydrazine rinsewater incineration.

As requested by EPA VIII (refer to General Comment 3, EPA, Volume IV of WESTON, 1991), lead was not incorporated into the risk calculations. Currently, lead is not assigned a cancer slope factor or a reference dose by EPA. However, Dr. Chris Weis, Toxicologist



ADDITIVE TOTAL HAZARD INDICES FOR RESIDENT, FARMER AND ON-SITE WORKER EXPOSURE SCENARIOS FOR HYDRAZINE RINSEWATER AND BASIN F LIQUID WASTE FIGURE 7-2



ADDITIVE TOTAL HAZARD INDICES FOR RESIDENT, FARMER AND ON-SITE WORKER EXPOSURE SCENARIOS FOR HYDRAZINE RINSEWATER AND BASIN F LIQUID WASTE COMBINED UNDER SENSITIVITY CASE EMISSIONS FIGURE 7-3

for EPA Region VIII, requested that a comparison be made between estimated lead soil concentrations and ambient air concentrations to soil cleanup levels and National Ambient Air Quality Standards (NAAQS), respectively. Table 7-3 shows the requested comparisons. Predicted lead levels in soil and air were well below the respective standards.

In conclusion, the addition of hydrazine rinsewater to the Basin F liquid waste does not pose a cancer risk or noncarcinogenic effect as defined in the <u>Final Decision Document</u> (Woodward- Clyde Consultants, 1990). This conclusion is highlighted by several conservative assumptions that were previously discussed in Volume I, Section 10 (WESTON, 1991):

- No environmental degradation has been assumed for any chemical in the waste stream (POHC) or formed by the incineration process (PIC).
- Even though the facility is operating for only 2 years, a 70-year lifetime exposure has been assumed (except for inhalation).

Table 7-3

Comparison of Predicted Soil and Air Levels of Lead From Hydrazine Rinsewater Incinerator to Soil Cleanup and National Ambient Air Quality Standards (NAAQS)

Inorganic Pollutant	Maximum ^a Predicted Soil Concentration (0.01m) Sensitivity Case (mg/kg)	Soil Cleanup ^b Level (mg/kg)	Predicted ^c Ambient Air Concentration Sensitivity Case (ug/m³)	NAAQS ^d (ug/m³)
Lead	7.07E-11	500-1,000	5.7 E-10	1.5E+00

^a Refer to Table 1A in Section 9.1.1, last column, second page.

^d 40 CFR 50. Three month annual average.

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^b OSWER Directive 9355.4-02, September, 1989 (EPA, 1989b).

^c Refer to Table 1A in Section 9.1.1, second column, second page. Represents predicted average annual ambient air concentration.

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SECTION 9 SUPPORTING DOCUMENTATION

Included in this section are the detailed spreadsheets that document base case and sensitivity case emissions, exposure doses, and risk results for the Residents A and B, the farmer, and the on-site worker scenarios that have been summarized in this report.

9.1 RESIDENT A SCENARIO

9.1.1 Base Case Emissions — Resident A

	ER AVG. ANN. EMISSION AMBIENT RATE CONC. 9/sec ug/M3 1.26E-10 4.42E-11 1.26E-10 4.42E-11 1.26E-10 4.42E-11 1.26E-10 4.0E-09 2.92E-09 1.02E-09 3.96E-11 1.39E-11 2.92E-09 1.02E-09 3.96E-11 1.39E-11 1.42E-08 4.98E-09 1.43E-12 6.21E-14 1.46E-12 1.29E-12 3.12E-08 1.10E-08 1.46E-12 1.29E-12 3.67E-12 1.29E-12 3.67E-12 1.29E-12 3.67E-12 1.29E-12 3.67E-12 1.29E-12 3.67E-12 1.29E-12 4.66E-13 1.16E-13 1.16E-13 1.16E-13 1.16E-13 1.16E-13 2.00E-11 1.79E-11 4.46E-13 1.57E-11 2.00E-11 1.76E-11 2.00E-11 1.76E-11 3.50E-07 1.23E-07 5.90E-11 1.76E-11
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9.75E-16 1.64E-16 6.74E-15 6.84E-15 1.35E-14 NA NA NA NA NA NA NA NA 2.58E-12 4.34E-13 1.78E-11 1.81E-11 3.57E-11 3.33E-09 5.61E-10 2.30E-08 2.34E-08 4.61E-08 4.53E-09 5.65E-17 3.13E-15 3.18E-15 6.27E-15 1.34E-15 2.25E-16 9.26E-15 9.39E-15 1.85E-14 NA NA NA NA NA NA NA NA NA N) ich loropropane	NA	NA	NA N	Z X	X X	X X
Sulfride NA	drin	9.75E-16		6.74E-15	6.84E-15	1.35E-14	1.37E-14
3.35E-16 7.53E-17 7.313E-15 3.76E-18 3.57E-18 4.55E-16 7.63E-17 3.13E-15 3.16E-15 6.27E-15 1.34E-15 1.35E-16 9.26E-15 9.39E-15 1.35E-16 1.35E-16 9.26E-15 9.39E-15 1.35E-16 1.35E-16 9.26E-15 9.39E-15 1.35E-16 1.35E-17 1.	ch orobenzene	2 58E-12	NA . 2/5-12	NA Zor 4	AN OF	NA L	AN T
oride	azine	3.33E-09	5.61E-10	2.305-08	2.345-08	5.57E-11	5.62E-1
1.34E-15 2.25E-16 9.26E-15 9.39E-15 1.85E-14 NA NA NA NA NA NA NA 1.65E-13 2.78E-14 1.14E-12 1.16E-12 2.29E-12 1.50E-13 2.53E-14 1.04E-12 1.05E-12 2.08E-12 1.05E-09 1.77E-10 7.26E-09 7.37E-09 1.45E-08 1.77E-14 2.98E-15 1.22E-13 1.24E-13 2.45E-13 1.07E-12 1.80E-13 7.39E-11 7.49E-12 1.48E-11 4.26E-12 7.17E-13 2.95E-11 2.99E-11 5.89E-11 4.26E-12 7.17E-13 2.95E-11 5.99E-11 5.89E-11	ane	4.53E-16	7.63E-17	3,13E-15	3.18E-15	6.27E-15	6.36E-1
NA N	thion	1.34E-15	2.25E-16	9.26E-15	9.39E-15	1.85E-14	1.88E-1
1.65E-13 2.78E-14 1.14E-12 1.16E-12 2.29E-12 1.50E-13 2.53E-14 1.04E-12 1.05E-12 2.08E-12 1.05E-09 1.77E-10 7.26E-09 7.37E-09 1.45E-08 1.77E-14 2.98E-15 1.22E-13 1.24E-13 2.45E-13 1.24E-13 2.45E-13 1.07E-14 1.80E-13 7.39E-14 7.49E-11 5.89E-11 4.26E-12 7.17E-13 2.95E-11 2.99E-11 5.89E-11 4.26E-12 7.17E-13 2.95E-11 2.99E-11 5.89E-11	/ chloride	X S	AN:	NA:	N.	NA:	NA
1.50E-13	of ethyl ketone	A PA	AN C	AN A	NA A	AN C	NA
1.05E-09 1.77E-10 7.52E-09 7.37E-09 1.45E-08 1.77E-14 2.98E-15 1.22E-13 1.24E-13 2.45E-13 1.07E-14 1.58E-11 6.47E-10 6.57E-10 1.29E-09 1.07E-12 1.80E-13 7.39E-12 7.49E-11 5.89E-11 4.26E-12 7.17E-13 2.95E-11 2.99E-11 5.89E-11	thylphenol	5.0	2 53E-14	1.14E-12	1.16E-12	2.29E-12	2.32E-1
le 9.36E-11 1.58E-15 1.22E-13 1.24E-13 2.45E-13 1.07E-10 1.29E-09 1.07E-12 1.80E-13 7.39E-12 7.49E-12 1.48E-11 4.26E-12 7.17E-13 2.95E-11 2.99E-11 5.89E-11 4.26E-12 7.17E-13 2.95E-11 2.99E-11 5.89E-11	nethyl hydrazine	1.05E-09	1.77E-10	7.26E-09	7.375-09	1 45F-08	1 47F-0
le 9.36F-11 1.58F-11 6.47E-10 6.57E-10 1.29F-09 1.07E-12 1.80E-13 7.39E-12 7.49E-12 1.48E-11 4.26E-12 7.17E-13 2.95E-11 2.99E-11 5.89E-11 4.26E-12 7.17E-13 2.95E-11 2.99E-11 5.89E-11	halene		2.98E-15	1.22E-13	1.24E-13	2.45E-13	2.48E-1
1.0/E-12 1.80E-13 7.39E-12 7.49E-12 1.48E-11 4.26E-12 7.17E-13 2.95E-11 2.99E-11 5.89E-11 4.26E-12 7.17E-13 2.9E-11 5.89E-11	halene carbonitril		1.58E-11	6.47E-10	6.57E-10	1.29E-09	1.31E-09
thalene 4.26E-12 7.17E-13 2.95E-11 2.99E-11 5.89E-11 thene 4.26E-12 7.17E-13 2.95E-11 2.99E-11 5.89E-11	rosodimethylamine	1.07E-12	1.80E-13	7.39E-12	7.49E-12	1.48E-11	1.50E-1
thene 4.26E-12 7.17E-13 2.95E-11 5.90E-11	Acenaphthalene	.26E-1	7,17E-13	2.95E-11	2.99E-11	5.89F-11	5 ORF-1
1 - 120°C 1 - 12'C	Senanhthene	225	1	1110	100	100.1	- 10r

Chrysene	~	1.20E-11 1.20E-10 1.20E-10 1.20E-10 2.97E-14 1.35E-11 1.35E-12 NA NA NA NA NA NA NA NA NA NA NA NA NA	D*AT*1000 SD*BD ER * x DF
Chrysene 8.55E-13 1.44E-13 5.91E-12 6.00E-12	G		11 11
Chrysene Chrysene Dibenzo(a,h)anthracene Fituoranthene Fit	۵	6.00E-12 6.00E-11 6.00E-12 2.34E-14 7.37E-12 1.18E-13 NA 1.83E-12 3.62E-12 3.62E-12 NA NA NA NA NA NA NA NA NA NA NA NA NA	⊷ U. U.
Chrysene	0	5.91e-12 5.91e-11 5.91e-11 7.91e-11 1.47e-14 1.47e-12 1.47e-12 1.46e-12 3.57e-12 NA 1.81e-12 NA 1.81e-12 NA 1.81e-12 NA 1.81e-12 NA NA NA NA NA NA NA NA NA NA NA NA NA	LATION
Chrysene Dibenzo(a,h)anthracene Fluoranthene	z		llution Factor 1.22E-01 IN sposition Fact 5.05E-04 DR 3.00E-03 DR
Chrysene Dibenzo(a,h)anthracene Fluoranthene Fluoranthene Pluorene Phenanthrene Phenanthrene Parathion Pentachlorobenzene Phenol Pyridine Quinoline Tetrachlorobenzene Toluene Trichloroethene Trichloroethene Trichloroethene Trichloroethene Trichloroethene Trichloroethene Trichloroethene Unsym. dimethyl hydrazine Vapona Vinyl acetate Vinyl acetate Vinyl chloride Xylenes (total) INORGANICS Arsenic Cadmium (VI) Chromium (VI) Chromium (VI) Copper Iron Lead Mercury Selenium Silver Zinc	Z 7		à ă
	ပ	ysene enzo(a,h)anthracene oranthene orene ene ion hlorobenzene hlorobenzene hlorobenzene e corobenzene dimethył hydrazine acetate chloride s (total) um (III) um (VI)	
		No.	

18-Jun-91 14:11:45 RES-A nonitrile lonitrile in ine aldehyde ene ofturan oic Acic onitrile othiazole entyl 2-ethylhexyl)phthalate azole azole	INHALATION EXPOSURE (mg/Kg/day)							
		VEGETABLE EXPOSURE (mg/Kg/day)	MILK EXPOSURE (mg/Kg/day)	BEEF EXPOSURE (mg/Kg/day)	SOIL/DUST EXPOSURE (mg/Kg/day)	FISH CONSUMPTION (mg/Kg/day)	DERMAL EXPOSURE (mg/Kg/day)	TOTAL (mg/Kg/day)
	.26E-14	NA	AN	ž	NA	NA	¥	1.26E-1
	14E-11	1.18E-11	2.5/E-18	9.30E-19	6.96E-15	7.76E-21	2.56E-15	2.33E-
	.78E-17	9	4. 78F-20	7.10F-21	1 NR-20	2 R1E-27	3 ORE-21	4.86E-
	43E-13	7,17F-14	4. 43F-19	1 735-10	916	2 33E-10	-70E	7 156-
	.97E-15	1.15E-16	1.54E-20	6.01E-21	2.42E-18	0.005+00	8.90E-19	4.09E
	.93E-13	1.60E-14	3.54E-19	1.38E-19	.78E-	2.51E-20	6.56E-17	3.09E-
	.68E-15	NA	AN.	NA	NA.	NA	Y.	3.68E-
	-46E-16	4.155-14	5.49E-18	2, 13E-18	8.67E-16	5.53E-19	3.19E-16	1.47E-
	125-13	1 E4E-12	7.335-19	7.69E-20	25.75	2.20E-20	3-21E-1/	1.49E
	33F-15	4 11F-17	2 70E-21	1 05E-21	8 12E-15	2 515-26	2 00E-10	3.29E-
	.43E-12	Z A Z	NA L	NA L	NA	NA NA	NA	1 425.
	.87E-16	1.37E-16	4.02E-17	4.79E-18	~	3.25E-24	1.76E-19	9.70E-
	.43E-15	1.16E-16	4.58E-20			3.31E-21	-44E-	6.55E-
	.87E-14	NA.	NA		NA	NA	NA	1.87E-
Chlorobenzene	-68E-16	1.25E-17	6.24E-22	2.44E-22	2.24E-19	9.45E-22	8.24E-20	3.81E-1
١٨٢	07E-16	7 25E-18	7 45E-20		R 525-10	Z ZOE-22	NA CZE-10	8.85
<u>ت</u>	56E-17	2.81E-19	4.50E-21	1.32E-21	2.78E-20	5.71E-24	1.02F-20	4. 60F
ne	.25E-14	1.79E-15	3.96E-20		1.98E-17	1.91E-23	7.28E-18	3.43E-
	.58E-13	¥.	¥		NA	NA	NA	1.58E-
Dibenzoturan	.86E-14	3.23E-16	4.77E-19	1.77E-19	1.74E-17	2.19E-20	6.40E-18	2.89E-14
	226-15	A.	X X	Z :	A.	AN:	A.	3.68E-
2	05F-14	X 2	¥ 2	Z Z	Z Z	Z Z	A VI	7.55E-
	29E-15	5-64F-16	3 97F-21	1 56F-21	2 DOF-18	5 73E-23	7 37F-10	3 86E-
	64E-15	¥	×	×	NA	. ¥	X	5.64E
	87E-15	NA	NA	AN	NA	NA	AN	4.87E-
1,2-Ulchloropropane 2.0	.09E-15	NA .	NA		AN	AN	X.	2.09E-
	70E-17	5.01E-1/	8.55E-21	2.01E-21	1.98E-20	1.08E-24	7.30E-21	8.27E-
	8 61E-14	1 225.15	7 27E-18	2 10E-10	NA DEE 17	NA ZOE 10	AN OZE 17	8.96E-
	11E-10	3.40F-09	1 635-18	6 40F-10	78E-14	4.30E-19	7 .35-17	2 51E-
	1.51E-17	3.17E-19	1-09E-22	19F	9.22F-21	4. 73F-26	3 39F-21	1 55.6
		5.34E-19	2.14E-22	8.30E-23	2.72E-20	0.00E+00	1.00E-20	4.53F
		AN	NA	N	NA	AN.	X	4.37E-
2	64E-1	NA	NA	AN	N.	NA	AN	2.64E-
etone 5.	.53E-15	.74E-	2.05E-21	8.03E-22	3.36E-18	0.00E+00	-	8.27E-15
Monomothy! hydranian	U1E-1	-81E-	9.47E-21	3.70E-21	3.05E-18	2.71E-23	_	5.40E-
ก๋น) IE-	-3/E-	5.14E-19	2.02E-19	2.14E-14	1.12E-20		7.72E-
carbonitrile 2	125-10	755	7 275 72	1.72E-23	3.60E-19	7 / 25 46		6.0/E-
מ מ	57F - 14	F1-361-7	5 335-21	2 00F-21	2 176-17	0 005+00	8 00E-10	3.21E-
	!		1			200-0	-	4.7JE
ne 1	.42E-13	3.77E-15	.26E-1	8.41E-19	8.67E-17	1.05E-19	3,19E-17	1.46E-
Acenaphthene 1.4	-	1.80E-15	1.93E-18	7.25E-19	8.67E-17	4.07E-20	3.19E-17	1-44E-1

Chrysene Dibenzo(a,h)anthracene Dibenzo(a,h)anthracene Eluoranthene Eluoranthrene Eluoranthrene Eluoranthrene Eluoranthrene Eluoranthrene Dibenzo(a,h)anthracene Dibenzo(a,h) Dibenzo(a,h	2.06E-16 3.76E-15 4.57E-16 1.32E-18 7.06E-15 9.39E-19 1.01E-15 1.4E-15 1.4E-15 NA 6.93E-17 1.88E-09 1.68E-17 NA NA NA	3.85E-18 1.28E-16 1.72E-17 6.32E-19	1.06E-18	1.74E-17	3.55E-19	A 40F-18	
enzo(a,h)anthracene orentene orene nanthrene ion hlorobenzene llorobenzene orobenzene e orobenzene dimethyl hydrazine	6.17E-16 4.37E-15 1.32E-18 7.06E-15 9.39E-19 1.01E-17 1.82E-15 1.14E-15 NA NA NA 1.89E-09 1.68E-17 NA NA	1.28E-16 1.72E-17 6.32E-19				101:0	2.88E
oranthene orene nanthrene nanthrene ion hlorobenzene nloroethene orobenzene dimethyl hydrazine	3.76E-15 1.32E-18 7.06E-15 9.39E-19 1.01E-15 9.61E-17 1.4E-15 1.4E-15 1.82E-17 1.88E-17 NA NA NA NA NA NA NA NA NA NA NA NA NA	1.72E-17 6.32F-19	2.67E-17	1.74E-16	7.95E-17	6.40E-17	2.87E
orene nanthrene ene ion hlorobenzene ine ine nlorobenzene s orobenzene dimethyl hydrazine	4.57E-16 1.32E-18 7.06E-15 9.39E-19 1.01E-17 9.61E-17 1.182E-15 1.18E-15 NA NA 1.89E-09 1.68E-17 NA NA NA NA NA NA NA NA NA NA NA NA NA	A 32F-10	5-52E-18	1.74E-16	NA	6-40E-17	2 90
nanthrene ene ion hlorobenzene ilorobenzene aloroethene oroethene dimethyl hydrazine	1.32E-18 7.06E-15 9.39E-19 1.01E-15 1.82E-15 1.14E-15 NA NA 1.89E-09 1.68E-17 NA NA		2 30F-19	1 745-17	2 92F-20	6 40F-18	2 01
norobenzene lorobenzene lorobenzene lorobenzene probenzene orobenzene anmethyl hydrazine	7.06E-15 9.39E-19 1.01E-15 1.82E-15 1.14E-15 NA NA 6.93E-17 1.89E-09 1.68E-17	3 05E-21	1 005-21	6 78E-20	1 01E-10	2 YOE-20	1 12
nlorobenzene hlorobenzene nlorobenzene sorobenzene orobenzene dimethyl hydrazine	9.39E-19 1.01E-15 9.61E-17 1.82E-15 1.14E-15 NA NA 1.89E-09 1.68E-17 NA	Z 275.17	1 0KE-17	3 78E-16	1 KOE-18	1 285-14	705
North of the control	1.026-17 9.61E-17 1.82E-15 1.14E-15 NA 6.93E-17 1.89E-09 1.68E-17 NA	מר דיים	7 325 33	745.30	7 475 75	מר דייי	
ntorobenzene ne ine ntorobenzene ntoroethene e probenzene proethene dimethyl hydrazine	9.61E-17 9.61E-17 1.82E-15 1.14E-15 NA 6.93E-17 1.89E-09 1.68E-17	0.54E-22	3.43E-44	4.315.40	3.1/6-63	1.375-20	7.18
ne lorobenzene nloroethene e orobenzene oroethene dimethyl hydrazine	9.61E-17 NA 1.82E-15 1.14E-15 NA NA 6.93E-17 1.89E-09 1.68E-17	1.77E-18	5.83E-19	2.14E-17	A	7.86E-18	3.61E
ne ine nlorobenzene nloroethene probenzene oroethene dimethyl hydrazine	1.82E-15 1.14E-15 1.14E-15 NA 6.93E-17 1.89E-09 1.68E-17	6.65E-22	2.60E-22	3.42E-19	N	1.26E-19	6.58E-
ine nlorobenzene nloroethene e probenzene proethene dimethyl hydrazine	1.82E-15 1.14E-15 NA NA 6.93E-17 1.89E-09 1.68E-17 NA	AN	AN	AN	NA	AN	3,13
niorobenzene nloroethene e probenzene proethene dimethyl hydrazine	1.14E-15 NA NA 6.93E-17 1.89E-09 1.68E-17 NA	6-63F-20	2.59F-20	1.96F-17	6.35F-21	7.21F-18	107 2
iloroethene e orobenzene proethene dimethyl hydrazine	NA NA NA SE-17 NA 1.68E-17 NA NA	3 77E-10	1 38F-10	1 05E-17	NA	3 8KE-18	1 8/6
norbensene probensene proethene dimethy! hydrazine	NA NA 6.93E-17 NA 1.89E-09 1.68E-17	7.1.7	1.30C	1.000		J-00E-10	045
e orobenzene oroethene dimethyl hydrazine	NA 6.93E-17 NA 1.89E-09 1.68E-17 NA	NA.	Y.	Y.	AN	A.	0.035
orobenzene proethene dimethyl hydrazine	6.93E-17 NA 1.89E-09 1.68E-17	NA A	AN		AN	A	9.61E
oroethene dimethyl hydrazine aretate	1.89E-09 1.68E-17	1.26E-19	4.72E-20	5.32E-18	9.59E-21	1.96E-18	8.81E
dimethyl hydrazine	1.89E-09 1.68E-17	NA	NA		AN	MA	327 9
acetate	1.68E-17	3 84E-18	1 515-18	8 43F-14	02-30E-7	3 10E-16	2 035.
acetate acetate	1.08E-1/	20.00	1100	101	2001 200	7.02.14	20.0
	NA.	5.15E-22	1.22E-22	1.7UE-19	2.12E-25	6.2/E-20	2.97E
		W	NA NA	Ϋ́	AN	AN	3.97E
di	da	NA	NA	a z	43	NA	7 68
					¥ 1	W. W.	200
	Z Z	AN	A.	Y.	AN	A	0.80E
TNORGANICS							
	7 2/5 45	3 035 45	2 455 47	2 205 45	777. 15	0 /57 47	707
0.17E-12	2.246-13	7 405 40	2 220.2	2205-13	1 - 305-4	0.435-17	3.705-12
	2.305-17	4. 105-10	- 925	1.335	Y.	4.YUE- 19	7. IYE
•	AN	AN	NA.	A.	AN	NA	9.69E
Chromium (VI) 3.41E-15	AN	N.	NA AN	AN	NA	NA	3.41E
1.43E-13	A	AN	AN	AN	5.29E-16	AN	1 44F
		VIA.	41	9	VIV		7 / 0
VA 10. 6	4 = 3	41		V 1			104.4
	Y Y	NA.	Y.	1	2	ž	1-4-
	5.03E-16	1.06E-17	7.98E-16	8.61E-17	AN.	3.17E-18	1.43E
E	A A	AN	AN	NA	AN	NA	4.28E
Silver 1.96E-15	N.	NA	AN	A.	AN	AN	1.96F
	AN	NA	A	AN	2 03F-15	AM	1 135
						i	
. uq		M3/day		D*AT*1000			
MC							
***	265 245	and over		CD*RD			
19		75/ 71	Ver dentina	on no			
13		(1000 ug/mg)"(505 day/yr)		* 65 1			
			•	: E			
Innalation dose	s = Calr*br*et/bW/ct	/DW/CT					

	H DERMAL TOTAL PTION EXPOSURE /day) (mg/Kg/day)		N	~			9.02E-19		3.246-16	3.26E-17	2.99E-19 7.11E-16	3.03E-19	1 70E-10	1 1.46E-18	NA	2 8.36E-20	NA 2 04E-10		7.38E-18	NA N	NA NA	NA	NA NA 22 27 20 21	N AV C2-19	NA	NA.	.USE-24 (.41E-21	1_96F-17	2.53E-14		1.02E-20		NA 120 1	1 14E-18	7.98E-15	1.34E-19	3.29E-12	8.11E-18	E-19 3.24E-17 1.50E-13
	SOIL/DUST FISH EXPOSURE CONSUMPTION (mg/Kg/day) (mg/Kg/day)		NA .					,	. •				86F-10	3.97E-18 3.31	NA	2.27E-19 9.45E-2	,,	2.82E-20 5.71		17 21	NA		NA OZE-19	NA NA		NA Ser 20	_	5.32E-17 4.30	n	4	o			,,,			1.93E-15 3.42	0	8.80E-17 1.05E-
	BEEF EXPOSURE (mg/Kg/day)		Ì	9.45E-19			6.77E-21		2	1.04E-19		-	_	. ~		2.57E-22		7.45E-21		4 13E-10		NA	1 415-21	N A	NA	NA C	Z.UZE-ZU NA	1.12E-17	6.49E-19	5.32E-23	9.64E-23	A :	8 18E-22	3.91E-21	2.05E-19	2.21E-21	1.17E-17	Z. 12E-21	1.44E-18
MAXIMUM	MILK EXPOSURE (mg/Kg/day)		NA S	Z.4ZE-18			2.16E-20				4.50E-18	•		~		7.12E-22		ı ru	4	1 47F-18	¥	Y.	NA / 2/5-21		NA	NA A	NA NA	~		2.05E-22		A S			un	8	7.	5.45E-	7.55E-18
EXPOSURE -	VEGETABLE EXPOSURE (mg/Kg/day)		AN	_	7	ω.	2.19E-16	•	,-	w	2.39E-13					2.22E-17				1_07F-15	•		NA 4 57E-14	A A	NA	u				7.13E-19		Z :	,,	J 11 1	-	(1)	1.59E-13	4	7.51E-15
ADDLI IOIAL	INHALATION EXPOSURE (mg/Kg/day)		1.26E-14	4 RAF-12	1.78E-17	6.43E-13	3.97E-15	3.68E-15	1.42E-12	1.43E-13	3.13E-12	1 435-12	7.87E-16	6.43E-15	1.87E-14	3.68E-16	9.07E-16	4.56E-17	3.25E-14	2.86F-14	3.68E-15	2.33E-16	7 20E-14	5.64E-15	4.87E-15	2.09E-15	8.96E-15	8.61E-14	1.11E-10	1.51E-17	4.47E-17	4.5/E-15	5 536-15	5.01E-15	3.51E-11	5.92E-16	3.13E-12	3.3/E-14	1.42E-13
BASE CASE	18-Jun-91 14:11:45 RES-A	ORGANICS	Acetone	Acetonitrile	Aldrin	Aniline	Atrazine Reprejdebyde	Benzene	Benzofuran	Benzoic Acid	Benzonitrile Benzothierele	Binhenvl	Bis(2-ethylhexyl)phthalate	Carbazole	Carbon Tetrachloride	4-Unloroaniline Chlorobenzepe	4-Chlorobiphenyl	4,4-Chlorobiphenyl	Chloroethane	Dibenzofuran	Dichlorobenzenes (total)	1,4-Dichlorobenzene	r, r-bichtoroethane 1.2-Dichtoroethane	1,1-Dichloroethene	1,2-Dichloroethene	I,Z-Ulchloropropane	Dimethyldisulfide	Hexachlorobenzene	Hydrazine	Lindane	Matathion	metnyt chloride Mathylene chloride	Methyl ethyl ketone	4-Methylphenol	Monomethyl hydrazine	Naphthalene	Naphthalene carbonitrile	PAHS	Acenaphthalene

œ	.	AD TABLE 3	AE	AF	AG	AH	AI	Α	AK
	Chrysene	N	9.48E-16	5.93E-17	7.28E-18	1.77E-17	3.55E-19	6.49E-18	2.96E-14
	Dibenzo(a,h)anthracene	2.86E-13	8.01E-15	2.97E-15	3.45E-16	1.77E-16	7.95E-17	6.49E-17	2.97E-13
	Fluoranthene	2.86E-13	1.12E-14	1.67E-16	2.23E-17	1.77E-16	NA	6-49E-17	2.97E-13
	Fluorene	2.86E-14	1.20E-15	2.80E-18	4.75E-19	1.77F-17		6 40F-18	2 ORF-14
	Phenanthrene	1.11E-16	4-22E-18	1.61E-20	2.56E-21	6.88F-20	1 01E-10	2 53E-20	1 165-16
	Pyrene	5 72F-13	2 10F-14	3 05F-16	4 125-17	3 53E-16	1 405-18	1 205-14	5 0/E-12
	Parathion	7 08E-17	2 785-18	2 30E-21	/ 80E-22	7. 27E 30	7 47F 7E	7 747 30	7 7/5 77
		7 1721	7.00	1000	1.075 66	4.3/6-40	2-1/15-62	1.01E-20	1.305-1
	Fentachtoropenzene	5.016-14	1.735-13	1.3 E-1/	Z-USE-18	2.1/E-1/	AA	7.98E-18	3.71E-14
	Phenol	5.62E-16	1.12E-16	7.26E-22	2.70E-22	3.47E-19	W	1.28E-19	6.74E-16
	Pyridine	3.13E-12	AN.	NA	AN	NA	NA	NA	3.13E-12
	Quinoline	3.22E-14	9	7.82E-20	2.75E-20	1 00F-17	6 35F-21	7 325-18	7 40F-14
	Tetrachlorohenzene	1 725-14	1 405-15	1 45E-18	2 825-10	1 075-17	1	2 025-10	1 000
	Totroch oroothone	4 0ZE-14	NA AN		Z 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	10.1	¥ :	01-324-6	1.075
	# Comment	0.035-10	¥ :	Z :	¥ :	Y.	AN	NA	0.U3E-10
	lotuene	9.01E-15	NA.	Y.	¥.	A	AN	NA V	9.61E-15
	Trichlorobenzene	8.73E-15	2.96E-16	3.90E-19	7.72E-20	5.40E-18	9.59E-21	1.98E-18	9.04E-15
	Trichloroethene	6.43E-15	NA AN	NA	AN	NA	NA	AN	6-43F-15
	Unsym. dimethyl hydrazine	1.38E-10	1.93E-09	3.90E-18	1.53E-18	8.55E-14	0C-30E-7	3 14F-14	2 DAF-00
	Vapona	2.80E-16	2.43E-17	3.39E-22	1.27E-22	1 735-10	2 12F-25	6 36F-20	3 DAE-16
	Vinvl acetate	3.97F-15	AN	AN	AM	NA	IN E	{ \$	2 07E-15
	Vinvi chloride	3.66E-15	MA	AN	NA N	92	91	2 2	2 485-15
	Xylenes (total)	6.86E-16	W	A.	Ā	Z N	S AN	AN	6 RAE-14
									2010
Z	INORGANICS								
	Arsenic	3.77E-12	1.01E-13	1.08E-14	1.33E-16	2.33E-15	4.36E-15	8.57E-17	3.89E-12
	Cadmium	2.19E-14	6.26E-16	1.27E-17	3.54E-19	1.35E-17	NA	4.975-19	2.25F-14
	Chromium (III)	9.69E-14	AN	N.	AN	AN	AN	NA	O 40F-14
	Chromium (VI)	3.415-15	AN	A	AM	NA	NA.		Z //E-15
	Copper	1.43E-13	A	AN	AN	ĀN	5 20E-16	V	1 //E-13
	Iron	3.48E-09	A	NA	42	AN	NA	V V	2 785-00
	Lead	1.415-13	NA	AM	MA	V.	VI.		1 /15-12
	Mercilin	1 4.15-17		Z 5/E-17	1 215.15	0 7/E-17		2 5	1 177 47
	Colonium	7, 205.42			01-316-1	0.745-17	4	3.215-18	1.476-13
		4.505-13	Z :	¥ .	AN.	A.	Y.	AN	4.28E-15
	STIVE	1.905-15	AN	AN.	N.	A	A	Ą	1.96E-15
	Zinc	1.12E-12	NA	NA	NA	Ą	2.03E-15	NA	1.13E-12
		d .		M3/day					
		MQ.	22	Kg					
		cf	_	day/yr (1000 ug/mg)*(365 day/yr)	65 day/yr)				
			4						
		Inhalation dose = Cair*br*et/bw/ct	= Callradra	t/DW/ct					

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		CHILD TOTAL E	TOTAL EXPOSURE - AVE	AVERAGE					
BASE CASE		1							
	18-Jun-91 14:11:45 RES-A	INHALATION EXPOSURE (mg/Kg/day)	VEGETABLE EXPOSURE (mg/Kg/day)	MILK EXPOSURE (mg/Kg/day)	BEEF EXPOSURE (mg/Kg/day)	SOIL/DUST EXPOSURE (mg/Kg/day)	FISH CONSUMPTION (mg/Kg/day)	DERMAL EXPOSURE (mg/Kg/day)	TOTAL (mg/Kg/day)
ORGANICS									
Acetone		2.85E-14	XX.	AN	¥.	NA	AN.	¥	2.85E
Acrylonitrile		1 10E-11	Z.11E-11	1.5/E-1/	2.32E-18	6.29E-14	1.75E-20	2.14E-14	4.70E
Aldrin		4.01E-17	6.10E-18	2.76F-19	1 70F-20	0 74F-20	A 3/E-27	7 32E-20	1.10E-1
Aniline		1.45E-12	1.44E-13	2.56E-18	4.33E-19	3.54E-15	5.27E-19	1.20E-15	1.60F
Atrazine		8.97E-15	1.94E-16	8.92E-20	1.50E-20	2.18E-17	0.00E+00	7.44E-18	9,19E-1
Benzaldehyde		6.61E-13	3.18E-14	2.04E-18	3.45E-19	1.61E-15	5.67E-20	5.49E-16	6.95E
Benzofuran		2 22E-12	7 02E-17	NA YOU Y	AN	¥ !	AN		8.31E
Renzoic Acid		2 2/2 12	0 805-15	3.1/E-1/	5.525-18	85E	1.25E-18		3.30E
Benzonitrile		7 07E-12	7 08E-12	2 245-17	7.4/E-19	35	4-90E-20		5.55
Benzothiazole		3.01E-15	7.91E-17	1.56F-20	2 635-21	7 3/5-19	5 47E-19	2 50E-13	7.40E
Biphenyl		3.24E-12	N N	Z	NA L	NA NA	NA NA		301.6
Bis(2-ethylhexyl)phthalate	phthalate	1.78E-15	2.05E-16	2.32E-16	1.20E-17	4.33E-18	34E-		2.23E
Carbazole		1.45E-14	1.91E-16	2.64E-19	α	3.54E-17	7.46E-21	.20E	1.48E
Carbon letrachloride	Jde .	4.21E-14	Y S	NA .	¥	NA	¥		4.21E
Chlorobenzene		2 00E-15	71-48E-1/	5.67E-21	6.09E-22	2.02E-18	2,13E-21	6.89E-19	8.59E
4-Chlorobiphenyl		2.05E-15	1-14E-17	2,11F-10	7 10F-20	NA 00E-18	7 44E-22	1 70E-18	2.00E
4,4-Chlorobiphenyl	7	1.03E-16		2.60E-20	3.28E-21	2.51F-19	1 20F-23	8 55F-20	1.04E
Chloroethane		7.34E-14	3.53E-15	2.29E-19	3.87E-20	.79E-1	4.32E-23	6.09E-17	7.71E-
Chloroform		3.58E-13		NA NA	A	NA	NA	A	3.58E-
Dibenzoturan Dichienzones (tetal)	(10404)	6.45E-14	5.14E-16	2.76E-18	4.43E-19	1.57E-16	4.94E-20	5.35E-17	6.53E-
1 4-Dichlorobe	(total)	5 255-12	¥ :	A.	NA.	Y.	NA	NA.	8.31E-
1.1-Dichloroethane	9	2.38F-14	Z 2	Y AN	Y Y	Z Z	Y S	Y S	5.25E-
1,2-Dichloroethan	ē	7,43E-15	9.32E-16	2.29E-20	3.88F-21	1.81F-17	1 20F-22	~	A 38F.
1,1-Dichloroether	ē	1.27E-14	NA	A			¥	NA	1.27E-
1,2-Dichloroethene	ē	1.10E-14	NA	NA	NA	NA	N	N	1.10E-
1,2-Ulchloropropane	ne	4. (1E-15	2					NA	4.71E-
Dimethyldisulfide		7.30E-17	7.51E-1/	4.94E-20	5.02E-21	1.79E-19	2.44E-24	6.11E-20	1.49E-
Hexach Lorobenzene		1.95F-13	110	4 20E-17	F 7.75-18	NA 7/E-14	NA 0	NA 445 46	4.02E-
Hydrazine		2.51E-10	6.38E-09	9.42F-18	1.505-18	4-74E-10 6 12E-13	7 0KE- 20	2 00E-10	1.97E-
Lindane		3.42E-17	14E	6.29E-22	1.05E-22	8.33E-20	1.07F-25	2.84E-20	7 48F-
Malathion		1.01E-16	-90E	1.24E-21	2.07E-22	2.46E-19	0.00E+00	8.38E-20	1.02E-
Methyl chloride		9.87E-15	AN	NA	NA	NA	AN	NA	9.87E-
Methylene chloride	Ð	5.96E-13	AN	NA	NA	N	NA	NA	5.96E-
Methyl ethyl ketone	ne	1.25E-14	4.85E-15	1.18E-20	2.00E-21	3.04E-17	0.00E+00	1.04E-17	1.74E-14
4-Methylphenol		7.75E-14	6.42E-16	5.47E-20	9.23E-21	2.76E-17	6.13E-23	9.39E-18	1.20E-14
North that one	9	1 2/5-15	2 2/F 17	2.9/E-18	5.05E-19	1.93E-13	2.52E-20	6.58E-14	1.59E-09
Naphthalene carbonitaile	nitnilo	7 075-13	אָלָירָ	2.38E-20		3.25E-18	3.35E-19	1.11E-18	1.36E-
n-Nitrosodimethylamine	amine	8.06E-14	7.02E-13	3.08E-20	5.21E-21	1.72E-14	7.72E-18	5.86E-15 6.60E-17	7.21E-1
PAHS							00.40	70.0	100
Acenaphthalene		3.22E-13	5.81E-15	1.30E-17	2.10E-18	7.83E-16	2.37E-19	2.67E-16	3.28E-13

A 2	S	AN TABLE 4	AO	AP	AQ	AR	AS	AT	AU
61	Chrysene		3,19E-16	2.23E-17	2.63E-18	1.57E-16	8.01E-19	5.35E-17	6.51E-14
29	Dibenzo(a,h)anthracene		.01E-	7.38E-16	6.66E-17	1.57E-15			-49E-
63	Fluoranthene	6.45E-13	.77E-	9.94E-17	1.38E-17	1.57E-15	AN		.53E-
49	Fluorene	6.45E-14	-08E-	3.65E-18	5.74E-19	1.57E-16			-55E-
65	Phenanthrene	2.51E-16	-990-	1.76E-20	2.71E-21	6.12E-19			-54E-
99	Pyrene	1.29E-12	.08E-	1.89E-16	2.64E-17	3-14E-15			31E-
29	Parathion	1.60E-16	51E-	4.03F-21	8 OFF-22	3 89F-19	7,175-25	1.33F-19	
89	Pentachlorobenzene	7.935-14	535	1 02E-17	1 456-18	1 035-16			
69	Phenol	1.276-15	1 505-16	7 8/E-21	4 50E-22	Z 00E-18			1 /35.15
3	Dyridine	7 075-12	14	1	0.30E-22	2.075.10	4 2		
	ori louino	7 22 4	2 1 2 1	Z Z	AN .	Y.	Z I	¥ į	
- F	adinot life	7.2/E-14	5.13E-15	5.85E-19	6.47E-20	1.//E-16	1.43E-20	6.05E-1/	
7	etrachlorobenzene	3.89E-14	.72E-1	2.18E-18	3.43E-19	-46E-	AN	23E-	
2	Tetrachloroethene	1,36E-15	A.	NA	NA	NA	NA	NA	
74	Toluene	2.17E-14	AN AN	NA	NA	AN	AN	AN	2.17E-14
2	Trichlorobenzene	1.97E-14	1.14E-16	7.27E-19	1.18E-19	4.80E-17	2.17E-20	1.64E-17	-99E-
2	Trichloroethene	1,45E-14	¥	NA	AN	NA	AN		-45E-
11	Unsym, dimethyl hydrazine		50E-	2.22F-17		7. 61F-13	0 02F-20	SOF.	
78	Vapona	6.32E-	3.34F-17	1.81F-21	3 05F-22	1 545-18	4 785-25	5 24F-19	67E-
2	Vinvi acetate	8 97E-15	7	NA L				1	075.
ž.	Viny chioride	315	V		¥ 5		Z 9	2 2	715.
2	XVIenes (total)	1 55E-15			2 2	2 2	¥ 2	2 2	1 555-15
2		100		Y.	Z.	2		Ę	300
	INORGANICS								
	Arsenic	8.51E-12	5.84F-15	171	6 61F-17	07F-	O 84F-15	JAF-	8.56F-12
85	Cadmium	71-470-7	1 025-16	2 7.15-17	4 55E-10	1 205-14	1	/ 10E-18	7 OKE-17
8	Chromiten (111)	2 105.12	1.02L	-	4.775.17		4		2 405 14
200		7 705 15	¥ 2	Y .	¥ :	ď.	Y.	Z :	7 701 45
5 6		7 5/E 13	Z.	Y.	¥	ď.	Y.	Y.	7./05-15
8 8	Copper	3.24E-13	NA.	AN	٨	NA	1.20E-15	A	3.25E-13
8	Lron	7.86E-09	N N	NA.	ΑN	Z Z	AN	AN	7.86E-09
20	Lead	3.19E-13				NA.	AN		3.19E-13
5	Mercury	3.19E-13	8.22E-16	6.15E-17	1.99E-15	7.78E-16	NA	2.65E-17	3.23E-13
92	Selenium	9.67E-13	AN	NA	NA	NA NA	AN	NA	9.67E-13
93	Silver	4.42E-15	NA A	NA	AX	A'N	NA	AN	4.42E-15
76	Zinc	2.54E-12	AN	N.	AN	AN	4-58E-15	NA	2.54E-12
95									
9!									
26									
8 8		ភ្នំ :	10 T	M3/day					
44		MO		Kg					
200		5		g/mg					
100									
200		Tolandaria							
3		Innatation dose	B = Calr *br/bw/uama	DM/nama					

Inhalation dose = Cair *br/bw/ugmg

18-Jun-91 14:11:45 RES-A			DE C	H			
	INHALATION EXPOSURE (mg/Kg/day)	VEGETABLE EXPOSURE (mg/Kg/day)	MILK EXPOSURE (mg/Kg/day)	BEEF EXPOSURE (mg/Kg/day)	SOIL/DUST EXPOSURE (mg/Kg/day)	FISH CONSUMPTION (mg/Kg/day)	DERMAL EXPOSURE (mg/Kg/day)
		1 1					
Acetone Acetonitrile	2.85E-14	AN C	NA NA	NA C	NA TOT	AN P	·
Acrylonitrile	1.10F-11	1 - 3KI - 2	1.40E-1/	Z.30E-18	0.38E-14	1.72E-2U	V
	4.01E-17	7.04E-18	8.37F-18	4.10F-10	9 90F-20	4.34F-27	le.
	1.45E-12	_	2.69E-18			5.27E-19	-
Atrazine Denzel debyde	8.97E-15	L4 1 ~		1.69E-20	2.22E-17	0.00E+00	7.55E-18
n	8.314-15		Z.25E-18	5.58E-19	7.65E-75	5.6/E-2U	Λ
	3.22E-12	1.3	4. 42F-17	5 OBF-18		1 25F-18	~
Benzoic Acid	3.24E-13			2.60E-19	8.00E-16	4.96E-20	1 (
Benzonitrile	7.07E-12	4-	21	4.15E-18	1.75E-14	6.74E-19	5.95E-15
Benzothlazole	3.01E-15	1.4	1.83E-20	2.79E-21	7.44E-18	5.67E-24	2
Biphenyl Bis/2-ethylboxyllashtalete	5.24E-12	•		AN C	NA .	NA I	•
evy cyphrilatate	1 455-14	5 025-16	/ OKE-15	5.83E-10	4.39E-18	7 7.54E-24	1.50E-18
Carbon Tetrachloride	4.21E-14	•	-	4	NA NA	NA NA	•
4-Chloroaniline	8.31E-16	4.2	4.11E-21	6.40E-22	2.05E-18	2.13E-21	6.99E-19
Chlorobenzene	2.00E-15			¥.	NA	NA	
4-Chlorobiphenyl	2.05E-15	5.50E-17	1.52E-18	9.48E-20	5.06E-18	7.66E-22	1.72E-18
Chloroethane	7 3/15-1/			1.805-20	1 015-19	1.29E-23	, c
	3.58E-13			NA NA	NA NA	4.32E-43	•
Dibenzofuran	6.45E-14	1.8	9.63E-18	7.80E-19	1.59E-16	4.94E-20	5.43E
Dichlorobenzenes (total)	8.31E-15		NA	NA	NA	NA	
orobenzene	5.25E-16		NA:	NA:	NA:	NA:	
1, 1-Dichloroethane	7 7.75-16	•		ξ	NA TY	AN C	ANT
1,1-Dichloroethene	1.27E-14	-	NA NA	4.0ZE-ZI	NA NA	I.CYE.CZ	o
ethene	1.10E-14		N N	N A	X X	A N	
1,2-Dichloropropane	4.71E-15	AN	N	AN	NA	NA	
	7.36E-17	7.7	9.88E-19	5.05E-20	1.82E-19	2.44E-24	6.19E-
Ulmetnylaisu(†1de	2.02E-14		NA	NA	NA	NA	
nexacnlorobenzene uvdenzine	1.95E-13		5.04E-16	2.79E-17	4.81E-16	9.71E-19	1.64E-16
	2 / 2F 17		9.55E-18	1.62E-18	6.21E-15	7.96E-20	N.
	1 015-16	7 155-18	1.19E-21	1.55E-22	8.45E-20	1.0/E-25	2.88E-
Methyl chloride	0 875-15		1.08E-21	Z-41E-22	Z.50E-19	U.UUE+UU	ö
Methylene chloride	7.01E-12		A N	Z Z	A N	A V	
Methyl othyl betone	1 255.13		AN COL	AN C		NA OCT. OC	•
Active culture of the colle	1 125-14		1.22E-20	Z.04E-21		0-00E+00	1.05E-17
Monomethy hydresine	7 OZE-14		0.34E-20	7.75E-21		0.135-23	
) al az II ie	1 2/2 1		5.01E-18	7 - 10E - 19		2.52E-20	•
Norhthal one conhected a	7.046-12		5.0ZE-Z0	5.51E-21		3.35E-19	- 1
maphinatene carbonitrite n-Nitrosodimethylamine	8.06E-14	7.14E-13	2.66E-16 3.13E-20	2.92E-17 5.29E-21	1.75E-14 1.99E-16	7.72E-18 0.00E+00	5.95E-15 6.78E-17
Acenaphthalene Acenaphthene	5.22E-13	1.27E-14	4.36E-17	3.60E-18	7.95E-16	2.37E-19	2.7
	3.22E-13	9.74E-15	3.28F-17	2 87F-18	7.058-16	9-18F-20	2.71F-16

Chicago	ysene enzo(a,h)anthracene oranthene oranthrane nanthrene ene ion hlorobenzene hlorobenzene hlorobenzene erobenzene dimethyl hydrazine dimethyl kydrazine scetate chloride s (total)	1.69E-15 1.47E-14 2.09E-15 3.84E-14 4.92E-18 3.23E-15 1.88E-16 NA NA NA NA NA NA NA NA NA NA NA NA NA	3.42E-16 9.62E-16 1.61E-17 9.29E-20 1.76E-15 1.33E-20 8.69E-17 4.19E-21 NA NA NA NA NA NA NA NA NA NA NA NA NA	1.81E-17 8.61E-16 5.56E-17 1.03E-18 1.22E-21 6.73E-22 NA NA 1.93E-19 1.93E-19 NA NA 3.81E-18 3.16E-22	1.59E-16 1.59E-15 1.59E-15 3.19E-16 3.13E-19 9.62E-16 4.87E-17 7.72E-13 1.56E-13	8.01E-19 1.79E-16 6.60E-20 2.27E-19 3.62E-18 7.17E-25 NA	5.43E-16 5.43E-16 5.43E-16 1.09E-15 1.05E-19 6.67E-17 1.07E-18 NA 1.66E-17 3.28E-17 3.28E-17 3.28E-17 8.88-17 1.66E-17 NA 1.66E-17 NA 1.66E-17	6.68E 14 6.80E 13 6.68E 13 6.68E 13 1.66E 16 1.66E 16 1.66E 17 7.77E 14 7.77E 14 8.37E 15 8.37E 15
e rancola hanthracene 6.55E-13 1.47E-14 1.72E-14 8.5EE-16 1.59E-15 1.70E-16 5.45E-16 1.09TE-16 1.50E-17 1.59E-15 1.47E-16 1.55E-17 1.59E-16 1.50E-17 1.59E-16 1.50E-17 1.59E-16 5.26E-17 1.59E-16 5.26E-17 1.59E-16 5.26E-17 1.59E-16 5.26E-18 1.59E-16 1.59E-1	enzo(a,h)anthracene oranthene nanthrene ene ion hlorobenzene hlorosthene erobenzene orobenzene dimethyl hydrazine dimethyl side setate	1,476-14 2,096-14 3,846-14 4,926-18 1,886-16 1,886-16 1,886-16 2,576-15 5,346-16 NA NA NA NA NA NA	1.72E-14 9.62E-16 1.61E-17 9.28E-20 1.33E-20 8.68E-17 4.19E-21 NA NA 2.25E-18 NA NA NA NA NA NA NA NA NA NA NA NA NA	8.61E-16 5.56E-17 6.38E-18 1.03E-16 1.22E-21 6.73E-22 NA NA 1.93E-19 1.93E-19 NA NA NA NA NA NA NA NA NA NA NA NA NA	1.59E-15 1.59E-15 1.59E-16 3.13E-19 3.13E-19 1.80E-16 9.62E-17 1.80E-17 1.80E-17 1.56E-13 1.56E-13	1.79E-16 6.60E-20 2.27E-19 3.62E-18 7.17E-25 NA	5.43E-16 5.43E-16 5.43E-17 1.09E-15 1.07E-18 1.07E-18 3.28E-17 3.28E-17 1.66E-17 1.66E-17 NA 1.66E-17 NA 1.66E-17 NA NA NA	6.80E-13 6.68E-13 6.68E-13 2.68E-14 1.65E-14 7.77E-14 7.77E-14 7.77E-14 7.77E-14 7.77E-14 7.77E-14 7.77E-14 7.77E-14 7.77E-14 7.77E-14 8.387E-15 8.37E-15
orentenee 6.45E-14 2.09E-15 1.05E-17 5.26E-17 1.26E-17 5.26E-17 1.26E-17 1.26E-18 1.50E-16 6.66E-0 5.42E-16 orene 6.45E-14 2.09E-15 1.05E-15 6.66E-0 5.42E-17 2.09E-15 1.03E-16 1.36E-19 2.02E-19 6.26E-17 3.26E-19 2.02E-19 6.26E-17 3.26E-19 2.02E-19 1.03E-16 1.03E-17 1.03E-16 1.03E-17 1.03E-17 1.03E-19 1.03E-1	oranthene orene nanthrene ene ion hlorobenzene hlorosthene ene cobenzene dimethyl hydrazine acetate chloride s (total)	1.95E-14 7.42E-18 3.84E-14 4.92E-14 1.88E-15 2.57E-15 8.34E-16 7.35E-09 NA NA NA NA NA NA NA NA NA NA NA NA NA	9.62E-16 9.29E-20 1.76E-15 1.33E-20 8.69E-17 4.19E-21 NA NA NA NA NA 2.25E-18 NA NA NA NA NA NA NA NA NA NA NA NA NA	5.56E-17 1.18E-18 6.38E-21 1.22E-21 5.18E-18 6.73E-22 NA NA 1.93E-19 1.93E-19 NA NA NA NA NA NA NA NA NA NA NA NA NA	1.59E-15 6.21E-19 3.19E-16 3.19E-16 1.96E-16 9.62E-17 NA 4.87E-17 7.72E-13 1.56E-13	6.60E-20 2.27E-19 3.62E-18 7.17E-25 NA NA 1.43E-20 NA NA NA NA NA NA NA NA NA NA NA NA NA	5.43e-16 2.12e-19 1.09e-15 1.35e-19 6.67e-17 1.07e-18 3.28e-17 NA 1.66e-17 NA 1.66e-17 NA 1.66e-17 NA NA NA NA NA NA NA NA NA NA NA NA NA	6.68E-14 2.69E-14 1.34E-12 1.65E-14 8.28E-15 7.77E-14 7.77E-14 7.77E-14 7.77E-14 7.77E-14 7.77E-14 7.77E-14 7.77E-14 7.77E-14 7.77E-14 8.38F-09 6.81E-15 8.37E-15
The configuration of the confi	orene nanthrene ene hlorobenzene hlorobenzene hloroethene oroethene dimethyl hydrazine acetate chloride s (total)	2.09e-15 7.42e-18 3.84e-14 4.92e-18 1.88e-15 1.88e-15 2.57e-15 8.84e-16 8.34e-16 8.73e-17 NA NA NA NA NA NA NA NA NA NA NA NA NA	1.61E-17 9.29E-20 1.33E-20 8.69E-17 4.19E-21 NA NA 2.25E-18 NA NA NA NA NA NA NA NA NA NA NA NA NA	1.18E-18 6.38E-21 1.22E-21 6.73E-22 NA 6.73E-22 7.03E-19 1.93E-19 1.93E-19 NA 3.16E-22 NA NA NA NA NA NA NA NA NA NA NA NA NA	1.59E-16 5.21E-19 3.95E-19 1.96E-16 9.62E-17 NA NA 1.56E-13 1.56E-13	6.60E-20 2.27E-19 3.62E-18 7.17E-25 NA NA NA NA NA NA NA NA NA NA NA NA NA	5.43E-17 1.09E-15 1.09E-15 1.35E-19 6.67E-17 1.06E-17 NA 1.66E-17 1.66E-17 NA 1.66E-17 NA NA	6.69E-14 1.34E-16 1.65E-14 8.28E-14 1.46E-15 7.07E-12 7.07E-14 7.77E-14 7.77E-14 7.77E-14 7.77E-14 7.77E-14 1.36E-14 2.03E-14 3.87E-15 6.81E-16 8.37E-15
manthrene 1.51E-16 7.42E-18 9.29E-20 6.38E-21 6.21E-19 2.27E-19 2.12E-19 in 1.60E-16 4.92E-18 1.35E-20 1.22E-21 3.95E-19 7.71E-29 7.71E-29 1.35E-19 1.60E-16 4.92E-18 1.35E-20 1.22E-21 3.95E-19 7.71E-29 1.35E-19 1.60E-16 4.92E-18 1.35E-19 7.71E-29 7.71E-29 1.35E-19 7.71E-29 1.35E-19 7.71E-29 1.35E-19 7.71E-29 1.35E-19 7.71E-3 1.35E-3 1.35E-	nanthrene ene ion hlorobenzene hlorobenzene hloroethene erobenzene oroethene dimethyl hydrazine dectate	7.42E-18 3.84E-14 4.92E-18 3.23E-15 1.88E-16 NA NA 5.34E-15 5.34E-16 NA 6.73E-17 NA NA NA NA	9.29E-20 1.76E-15 8.69E-17 4.51E-19 9.55E-18 NA NA NA NA NA NA NA NA NA NA NA NA NA	6.38E-21 1.03E-16 1.22E-21 6.73E-22 NA NA 1.93E-19 NA 1.93E-19 NA NA NA NA NA NA NA NA NA NA NA NA NA	6.21E-19 3.19E-15 3.19E-15 3.13E-18 1.80E-16 9.62E-17 4.87E-17 7.72E-13 1.56E-18	2.27E-19 3.62E-18 7.17E-25 NA 1.43E-20 NA NA NA NA NA O 9.92E-20 4.78E-25	2.12E-19 1.09E-15 1.05E-19 1.07E-18 3.28E-17 3.28E-17 1.66E-17 1.66E-17 NA 1.66E-17 NA 1.66E-17 NA NA NA	2.60E-16 1.34E-12 1.65E-16 1.46E-15 7.07E-14 4.17E-14 4.17E-14 2.03E-14 1.45E-15 1.45E-16 3.87E-16 8.97E-15
the constraint of the constrai	ene ion hlorobenzene ne ine hlorosthene erobenzene oroethene dimethyl hydrazine chloride s (total)	3.84E-14 4.92E-18 3.23E-15 1.88E-16 4.72E-15 2.57E-15 3.4E-16 NA NA NA NA	1.76E-15 1.33E-20 8.69E-17 4.19E-21 NA 8.55E-18 0.55E-18 NA NA NA NA NA NA NA NA NA NA NA NA NA	1.03E-16 1.22E-21 5.18E-18 6.86E-20 7.03E-19 NA 1.93E-19 NA 3.81E-18 3.16E-22 NA	3.19E-15 3.95E-19 1.96E-16 1.80E-16 9.62E-17 NA 4.87E-17 7.72E-13 1.56E-18	3.62E-18 7.17E-25 NA NA 1.43E-20 NA NA NA NA 2.17E-20 NA 9.92E-20 4.78E-25	1.09E-15 1.35E-19 6.67E-17 1.07E-18 3.28E-17 3.28E-17 1.66E-17 NA 1.66E-17 NA 1.66E-17 NA 1.66E-17	1.34E-16 1.65E-16 1.65E-16 7.07E-12 7.07E-14 4.17E-14 1.36E-15 2.03E-14 1.45E-14 3.87E-09 6.81E-15 8.37E-15
tion the control of t	ion hlorobenzene ine hlorobenzene hloroethene erobenzene oroethene dimethyl hydrazine dimethyl sie chloride s (total)	4,92E-18 3,23E-15 1,88E-16 1,88E-16 2,57E-15 3,54E-16 3,55E-09 4,73E-17 NA	1.33E 20 8.69E 17 4.19E - 21 NA NA N	1.22E-21 5.18E-18 6.73E-22 NA 7.03E-19 1.93E-19 NA 3.16E-22 NA NA NA NA NA NA NA NA NA NA NA NA NA	3.95E-19 1.96E-16 3.13E-18 1.80E-16 9.62E-17 NA 7.72E-13 1.56E-18	7.17E-25 NA NA 1.43E-20 NA NA NA NA 9.92E-20 4.78E-25	1.35E-19 6.67E-17 1.07E-18 3.28E-17 NA 1.66E-17 NA 2.63E-13 5.32E-19	2.03E-14 1.46E-15 7.77E-14 7.77E-14 7.77E-14 7.77E-14 7.36E-14 2.03E-14 1.45E-14 3.87E-09 6.81E-15 8.37E-15
hicrobenzene 7,93E-14 3,2E-15 8,69E-17 5,18E-16 1,96E-16 NA 10,7E-18 no 1,27E-15 1,28E-16 4,19E-16 1,96E-16 NA 10,7E-18 no 1,27E-15 1,28E-16 4,19E-21 3,19E-16 NA 10,7E-18 no 1,27E-17 4,77E-15 4,51E-19 6,86E-20 1,80E-16 1,43E-20 1,80E-17 NA	hlorobenzene ne ine hlorobenzene hloroethene oroethene dimethyl hydrazine acetate chloride s (total)	3.23E-15 1.88E-16 1.88E-15 2.57E-15 3.57E-15 3.55E-09 4.73E-17 NA NA NA	8.69E-17 4.19E-21 NA NA NA 2.25E-18 NA 2.25E-17 1.96E-21 NA NA NA	5.18E-18 6.73E-22 NA 7.03E-19 NA 1.93E-19 NA 3.16E-22 NA NA NA NA	1.96E-16 3.13E-18 1.80E-16 9.62E-17 NA NA 1.56E-13 1.56E-13	1.43E-20 NA NA NA NA 2.17E-20 9.92E-20 4.78E-25	1.07E-17 1.07E-18 3.28E-17 1.66E-17 1.66E-17 NA 2.63E-13 5.32E-19	8.28E-15 7.07E-17 7.07E-17 7.07E-17 7.07E-17 7.07E-17 7.07E-17 7.07E-17 7.07E-17 7.07E-17 7.07E-17 8.31E-10 8.31E-15
1.277E-15	ne hlorobenzene hloroethene e orobenzene oroethene dimethyl hydrazine acetate chloride s (total)	1.88E-16 NA 4.72E-15 2.57E-15 NA 5.34E-16 3.55E-09 NA NA NA NA NA NA NA NA	4.19E-21 NA NA N	6.73E-22 NA 6.86E-20 7.03E-19 NA 1.93E-19 1.93E-19 NA 3.16E-22 NA NA			1.07E-18 NA 6.12E-17 3.28E-17 NA 1.66E-17 NA 2.63E-13 5.32E-19	7.77E-14 7.77E-14 7.77E-14 7.77E-14 7.77E-14 7.36E-15 2.03E-14 1.45E-14 3.87E-16 8.97E-15
Torochenzene 7.07E-12	ne ine hlorobenzene hloroethene orobenzene oroethene dimethyl hydrazine acetate chloride s (total)	5.57E-15 2.57E-15 3.34E-16 3.55E-09 4.73E-17 NA	2.25E-18 NA NA N	6.86E-20 7.03E-19 NA 1.93E-19 NA 3.81E-18 3.16E-22 NA NA			2.63E-17 1.66E-17 2.63E-17 1.66E-17 NA 2.63E-13 NA	7.776-12 7.776-12 7.776-12 7.776-14 7.366-15 2.036-15 1.456-14 3.876-16 8.976-15
Tringent of the control of the contr	ine hlorobenzene hloroethene orobenzene oroethene dimethyl hydrazine dectate chloride s (total)	4.72E-15 2.57E-15 NA NA 3.55E-09 4.73E-17 NA	4.51E-19 9.55E-18 NA NA 2.25E-18 NA 1.96E-21 NA NA NA	NA N	1.80E-16 9.62E-17 NA 4.87E-17 7.72E-13 1.56E-18		6.12E-17 3.28E-17 NA 1.66E-17 NA 2.63E-13 5.32E-19	7.76-14 7.776-14 7.776-14 7.776-14 1.366-15 2.036-14 1.456-14 3.876-09 6.816-15 8.976-15
hiorobenzene 3.89E-14 4.25E-17 4.71E-17 9.008E-20 1.00E-10 1.43E-17 NA	hiorobenzene hioroethene e orobenzene oroethene dimethyl hydrazine acetate chloride s (total)	2.57E-15 NA NA N	9.55E-18 NA NA 2.25E-18 NA 1.96E-21 NA NA NA	NA N	7.72E-13 1.56E-18		3.28E-17 NA NA 1.66E-17 NA 2.63E-13 5.32E-19	7.76-74 1.36e-14 2.13e-14 2.03e-14 1.45e-14 3.87e-09 6.81e-16 8.97e-15
1.00 celebrate 1.00	Microsthene e orobenzene oroethene dimethyl hydrazine acetate chloride s (total)	5.34E-15 NA 5.34E-16 NA 7.35E-09 NA NA	2.25E-18 N N N N N N N N N N N N N N N N N N N	NA N	7.526-17 NA 4.876-17 7.726-13 1.566-18 NA		5.28E-17 NA 1.66E-17 NA 2.63E-13 5.32E-19 NA	6.31E-16 1.36E-15 2.17E-14 2.03E-14 1.45E-09 3.87E-09 6.81E-16 8.97E-15
1,700	ntoroethene orobenzene oroethene dimethyl hydrazine acetate chloride s (total)	5.34E-16 NA 3.55E-09 4.73E-17 NA NA		NA N	NA NA 4.87E-17 NA 7.72E-13 1.56E-18 NA		NA 1.66E-17 1.65E-17 1.63E-13 5.32E-19 NA	1.36E-15 2.17E-14 2.03E-14 1.45E-14 3.87E-09 6.81E-16 8.97E-15
1.57E-14	e orobenzene oroethene dimethyl hydrazine acetate chloride s (total)	5.34E-16 NA 3.55E-09 4.73E-17 NA		.93E- .81E- .16E- NA	A. 87E-17 NA 7.72E-13 1.56E-18 NA		1.66E-17 NA 2.63E-13 5.32E-19 NA	2.17E-14 2.03E-14 1.45E-14 3.87E-09 6.81E-16 8.97E-15
1.97E-14 5.36E-16 2.25E-18 1.93E-17 2.17E-20 1.66E-17 crotebracene 1.45E-14	orobenzene oroethene dimethyl hydrazine acetate chloride s (total)	5.34E-16 NA 3.55E-09 4.73E-17 NA NA		.93E- .81E- .16E- NA	4.87E-17 NA 7.72E-13 1.56E-18 NA		1.66E-17 NA 2.63E-13 5.32E-19 NA	2.03E-14 1.45E-14 3.87E-09 6.81E-16 8.97E-15
A cycle of the cyc	oroethene dimethyl hydrazine acetate chloride s (total)	3.55E-09 4.73E-17 NA NA		NA N			NA 2.63E-13 5.32E-19 NA	3.87E-09 3.87E-09 6.81E-16 8.97E-15
dimethyl hydrazine 3.13E-10 3.55E-09 2.25E-17 3.81E-18 7.72E-13 9.92E-20 2.63E-13 6.32E-19 4.73E-17 1.96E-21 3.16E-22 1.56E-18 4.78E-25 5.32E-19 4.73E-15 4.74E-15 4.74E-15 5.32E-19 4.74E-15 5.32E-19 4.74E-15 4.74E-15 4.74E-15 5.32E-19 4.74E-15 5.32E-19 4.74E-15 5.32E-19 4.74E-15 4.74E-15 4.74E-15 4.74E-15 4.74E-15 4.74E-16 4.94E-14 4.15E-15 7.33E-17 8.82E-19 1.22E-16 4.74E-15 4.15E-18 4.74E-16 4.94E-14 1.15E-15 7.33E-17 8.82E-19 1.22E-16 4.74E-15 4.94E-14 1.15E-15 7.33E-17 8.82E-19 1.22E-16 4.74E-15 4.94E-14 1.15E-15 7.33E-17 8.82E-19 1.22E-16 4.74E-15 4.74E-13 4.74E-13 4.74E-15 4.	dimethyl hydrazine acetate chloride s (total)	3.55E-09 4.73E-17 NA NA		-81E- 16E- NA NA	.72E-1 56E-1 NA		2.63E-13 5.32E-19 NA	3.87E-09 6.81E-16 8.97E-15 8.31E-15
6.32E-16 4.73E-17 1.96E-21 3.16E-22 1.56E-18 4.78E-25 5.32E-19 8.97E-15 NA	acetate chloride s (total)	4.73E-17 NA NA		NA NA	NA NA		5.32E-19 NA	6.81E-16 8.97E-15 8.31E-15
B.97E-15 NA	acetate chloride s (total)	A A A		A A A	A A	MA	N	
chloride 8.31E-15 NA	chlor ide s (total)	N N	NA NA	A N	Y.			
8.51e-12 1.87e-13 6.24e-14 3.31e-16 2.10e-14 9.84e-15 7.17e-16 4.94e-14 1.15e-13 7.33e-17 8.82e-19 1.22e-16 NA	s (total)	AN	N	MM	***	Ä	4	
8.51E-12 1.87E-13 6.24E-14 3.31E-16 2.10E-14 9.84E-15 7.17E-16 4.94E-14 1.15E-15 7.33E-17 8.82E-19 1.22E-16 NA 4.15E-18 2.19E-13 NA	GANICS			5	NA	AN	NA	
8.51E-12 1.87E-13 6.24E-14 3.31E-16 2.10E-14 9.84E-15 7.17E-16 4.94E-14 1.15E-15 7.33E-17 8.82E-19 1.22E-16 NA								
Here is a control of the control of	•	077	17 1/6 /	7 745 4	2000	1,00	, , , , ,	-00
### (711) ### (7.55E-17		0	0.24E-14	5.57E-76	2.10E-14	9.84E-15	(.1/E-16	8.80E-12
NA		7	7.55E-1/	8.8ZE-19	1.22E-16	AN	4.15E-18	5.07E-14
1000 ug/mg 2.70E-15 NA	(111)	NA	¥.	AN	ZA Z	Y.	AN	2.19E-13
3.24E-13 NA NA NA 1.20E-15 NA 7.86E-09 NA	(VI)	NA NA	¥	¥	¥	WA	A	7.70E-15
7.86E-09 NA	-	NA	AN AN	AN	Ν	•	NA	3.25E-13
3.19E-13 NA		AN	AN	A'N	AN	AN	AN	7.86F-09
J. 19E-13 7.61E-15 2.04E-16 3.26E-15 7.89E-16 NA 2.69E-17 NA		A.	AN	AN	AN	MA	AN	3 10F-13
of the state of th		-61F	- 47U	26F-	ROF	AN	2 KOF-17	2 21E-12
Fr		NA	N	MA	M	NA	NA	0 475-13
2.54E-12 NA NA NA 4.58E-15 NA br 15.5 Kg nm 1000 ug/mg		NA	MA	NA.	MA	NA.	MA	/ /3E 1E
br 15.5 Kg um 1000 ug/mg		V V				T OF	X 4	7.474.4
15.5		Ç.	Č.	Č.	Ē	5	ž	Z.34E-12
10. 15.5 1000								
1000	rd	-	/day					
1000	MQ							
	Wn .		/mg					

nalation dose = Cair*br/bw/ugmg

	BASE CASE	18-Jun-91 14:11:45 RES-A	ORGANICS	Acetone	Acetonitrile	Acrylonitrile Aldrin	Aniline	Atrazine	Benzaldehyde	Benzene	Benzofuran	Benzoic Acid	Benzonitri(e Benzothiezele	Rinhenvl	Bis(2-ethylhexyl)phthalate	Carbazole	Carbon Tetrachloride	4-Chloroaniline	4-Chlorobiphenyl	4,4-Chlorobiphenyl	loroethane	ontororom Dibenzofuran	ichlorobenzenes (total)	1,4-Dichlorobenzene	-Dichloroethane	-Dichloroethene	2-Dichloroethene	2-Dichloropropane	eldrin	Dimethyldisulfide	nexacniorobenzene Hydrazine	Lindane	Malathion	Methyl chloride	Methylene chloride	Methyl ethyl ketone	4-Metnylphenol	Montonietnyt nydrazine Nankthalone	Naphthalene carbonitrile	trosodin	PAHS	Acenaphthalene	Acenaphthene Benzo(a)pyrene
TABLE 6 INFANT TOTAL		1-91 INHALATION 145 (mg/kg/day) S-A		1.87E-14	1.69E-11	7.19E-12	0 50E-12	5.87E-15	4.33E-13	5.44E-15	2.10E-12	2.12E-13	4.62E-12	2 125.12	1.16	9.50E-	2.76E-14	5.44E-16	1.3/6-15	6.74E-17	4.80E-14	4.22F-14		3.44E-16			-		-	-		24F-1		-46E-1	Ξ	Ξ.	7.41E-15			5.28E-14		.10E-1	2.10E-13 4.22E-13
B1 EXPOSURE		BREAST MILK (mg/kg/day)		3.24E-16	8.64E-11	2.22E-14	2 475-12	1.53E-14	1.15E-12	6.29E-18	5.47E-12	5.55E-13	1.23E-11	Z 48E-16	8.99E-15	2.44E-14	4.79E-16	1.42E-15	2 42F-15	1.72E-16	1.28E-13	4.U6E-15	9.44E-17	5.97E-18	2.70E-16	1.44E-14	1 25F-16	5.35E-17	3.08E-16	2.30E-16	7.38E-14	5 78F-17	1.69E-16	1.12E-16	6.77E-15	3.08E-14	~ (> •		1.82E-12		.46E-1	5.39E-13 1.08E-12
28		TOTAL (mg/kg/day)		1.90E-1	1.03E-10	7.21E-12	2 425-12	2.11E-14	1.59E-12	5.45E-15	7.58E-12	7.67E-13	1.69E-11	2 145-12	1.02E-14	3.39E-14	2.80E-14	1.97E-15	1.33E-13	2.39E-16	1.76E-13	2.58E-13	5.53E-15	3.50E-16	1.58E-14	1.92E-14	7 336-15	3.14E-15	3.56E-16	1.35E-14	2.01E-13	8 01E-17	2.35E-16	6.57E-15	3.97E-13	3.89E-14	2.76E-14	2 1/E 1E		1.88E-12		.57E-1	7.49E-13

25 55 55 55 55 55 55 55 55 55 55 55 55 55		TABLE 6		1
	Chrysene		1.08E-13	1.50E-1
	Dibenzo(a,h)anthracene	4.22E-13	5	1.50E-12
	Fluoranthene	4.22E-13	1.08E-12	1.50E-12
	Fluorene	4.22E-14	-	-51E-1
	Phenanthrene	1.65E-16		-
99	Pyrene	8.45E-13		
29	Parathion	1.05E-16		-
68	Pentachlorobenzene	5.19E-14		8.23E-14
69	Phenol	8.30E-16	2,45E-15	
2	Pyridine		-	
71	Quinoline	4.76E-14	1.27E-13	
	Tetrachlorobenzene	2.55E-14	1.55E-14	
	Tetrachloroethene	8.91E-16	1.55E-17	
42	Toluene	1.42E-14	4.11E-17	
	Trichlorobenzene	1.29E-14	7.42E-15	2.03E-
92	Trichloroethene	9.50E-15	1.65E-16	9.66E-15
22	Unsym. dimethyl hydrazine	2.05E-10	7.51E-09	7.71E-09
78		4.13E-16	1,11E-15	-
62	Vinyl acetate	~	1.02E-16	יט
	Vinyl chioride	5.44E-15	9.44E-17	
81	Xylenes (total)	1.01E-15	5.87E-19	-
83 INC	INORGANICS			
	Arsenic	5.57E-12	묒	5.57E-12
	Cadmium	3.23E-14	ሦ	3.23E-14
86	Chromium (III)	1.43E-13	믲	1.43E-13
87	Chromium (VI)	5.04E-15	및	5.04E-15
88		2,12E-13	¥	2,12E-13
89	Iron	5.14E-09	2	5.14E-09
06	Lead	2.09E-13	N.	2.09E-13
91	Mercury	2.09E-13	琞	2.09E-13
92	Selenium	6.33E-13	및	6.33E-13
	Silver	2.89E-15	묒	2.89E-15
76	Zinc	1.66E-12	¥	1.66E-12
95				
96				
26				
86		ď.	3.80E+00	M3/day
66		ğ	9.00E+00	Kg
00		5	1.00E+03	ng/mg
101				
3 20		Total at 5 at 1 at 1	1	The the thirty and

		ted take	day	-16	1-1				-12	 2	71.		-15	4 4	7-1-	- 16	-15		-16	21.	. <u></u>	:-17	. 18	14	-16	-16	- 19	-16	-14	-17	-16	-16	- 12	· -	0	-1-	-	13.73
BR		Da	mg/kg/day	3,24	8.64	2.22E-	8.72E-	1.57	1.15E-	6.59	7.5.5	1.23	5.14	200	2.44	4.79E	2 276	3.426	1.72E	1.28	1.08E-13	9.44E	5.97E-18	1.44	1.45E-16	1.25	3.08		1-1	_ u		-		2.01E	2.85E	1.20E	1.82E	5.466
ВО		Average Estimated Daily Intake	mg/kg/day	3.24E-16	8.47E-11	2.22E-14	7.97E-17	1 49F-14	1.13E-12	6.29E-18	5.41F-13	1.20E-11	5.01E-15	3.08E-14	2.38E-14	4.79E-16	1.39E-15	3.33E-15	1.67E-16	1.25E-15	.05E	44E	5.97E-18	1.40E-14	45E	1.25E-16	3.01E-16	2.30E-16	7.19E-14	5 635-17	1.65E-16	1.12E-16	3.01E-14	39E	2.81E-09	2.21E-15 1.17E-11	1.80E-12	5.32E-13 5.25E-13
ВР		Maximum Breast milk Conc.	mg/kg	3.65E-15	9.71E-10	2.50E-13	9.81E-16	1.72F-13	1.30E-11	7.08E-17	6.24F-12	1.38E-10	5.78E-14	1 015-13	2.75E-13	5.38E-15	1.60E-14	3.84E-14	1.93E-15	1.445-12	1.21E-12	1.06E-15	3 0/6-15	1.62E-13	1.63E-15	1.41E-15	3.46E-15	2.58E-15	8.30E-13	6.50F-16	1.90E-15	1.26E-15	3,46E-13	2.27E-13	3.21E-08	1.35E-10	2.05E-11	6.14E-12 6.06E-12
80		Average Breast milk Conc.	IIIg/ Kg								39E-	35E-	53E-	7F-	86.	38E-	7 1	3.74E-14	- 38E	1.40E-12	1.18E-12	1.06E-15	3.04E-15	1.58E-13	1.63E-15	1.41E-15	3.39E-15	2.58E-15	8.09E-13	6.34E-16	1.85E-15	1.26E-15	3.39E-13	2.21E-13	3.16E-08	1.316-10	2.02E-11	5.99E-12 5.91E-12
N8		TF Breast milk Transfer Factor	(day)	2.89E-01	4.09E+01	5.13E-02	4.09E+01	4.09E+01	4.09E+01	1.92E-02	4.09E+01	4.09E+01	4.09E+01	4.09F+01	4.09E+01	2.89E-01	2.89E-01	4.09E+01	4.09E+01	2.89F-01	4.09E+01	2.89E-01	2.89E-01 2.89E-01	4.09E+01	2.89E-01	2.89E-01	4.09E+01	2.89E-01	9.24E+00	4.09E+01	4.09E+01	2.89E-01	4.09E+01	4.09E+01	4.09E+01		4.09E+01	4.09E+01
BM	PATHWAY	Maximum Maximum Total Daily Intake	(mg/ kg/ day)	1.26E-14	2.37E-11	4.86E-12	7 32E-17	4.19E-15	3.17E-13	3.68E-15	1.52E-13	3.37E-12	1.41E-15	2.47E-15	6.72E-15	1.87E-14	8-85E-16	9.38E-16	4.72E-17	1.58E-13	2.97E-14	3.68E-15	1.05E-14	3.95E-15	5.64E-15	2.00F-15	8.45E-17	8.96E-15	8.99E-14	1.59E-17	4.65E-17	4.37E-15			24E-1	3.29E-12	.01E-1	1.50E-13
BL TABLE 7	MOTHER'S MILK	DI Average Total Daily Intake	(App /Ap /Am)	1.26E-14	2.33E-11	4.86E-12	7 15E-17	4.09E-15	3.09E-13	3.68E-15	1.49E-13	3.29E-12	1.58E-15	9.70E-16	6.55E-15	7.87E-14	8.85E-16	9.15E-16	4.60E-17	1.58E-13	2.89E-14	3.68E-15	1.05E-14	3.86E-15	5.64E-15	2,09E-15	8.27E-17	8.96E-15	3 51E-14	1.55E-17	4.53E-17	4.37E-15	8.27E-15	5.40E-15	7.72E-10	3.21E-12	.93E-	1,46E-13 1,44E-13
		18-Jun-91 14:11:45 RES-A												phthalate		ide						(total)	nzene	. 0	0	9 6	!						, e		ne	nitrile	mine	
ບ	E CASE		u	Acetone	Acetonitrile	Acrylonitrile	Atdrin	Atrazine	Benzaldehyde	Benzene Renzofuran	Benzoic Acid	Benzonitrile	Benzothiazole Riphenyl	Bis(2-ethylhexyl)phthal	Carbazole	Carbon Tetrachloride	Chlorobenzene	4-Chlorobiphenyl	4,4-Chlorobiphenyl	Chloroform	Dibenzofuran	Dichlorobenzenes (tota	1,1-Dichloroethane	,2-Dichloroethane	1,1-Dichloroethene	1,2-Dichloropropane	drin	Dimethyldisulfide	Hexachlorobenzene Hydrazine	ane	Malathion	Methyl chloride Methylene chloride	Methyl ethyl ketone	4-Methylphenol	Monomethyl hydrazine Narhthalone	Naphthalene carbonitril	n-Nitrosodimethylamine PAHs	Acenaphthalene Acenaphthene
_	BASE		ORGANICS	Ace	Ace	Acrylo	Ani	Atr	Ben	Ren	Ben	Benz	Benz	818	Cart	Carr	5 5	4-C	4 -4	5 5	Dibe	בים ב		1,2	<u>-</u> ,	, ,	Diel	Dime	Hexa	Lindane	Mala	Meth	Meth	4-Me	Mono	Naph	PAHS	4 4 C
e 0.1	0 4t 11	~~~~~ <u></u>	3 - 2	100	.	O 1	0 1	. m	•	32		~	+			~ ~	_	_	. 1			•	38	•	40											52		228

	2.88E-14	2.96E-14	4.09E+01	1.18E-12	1.21E-12	1.05E-13	1.08E-13
Dibenzo(a,h)anthracene	2.87E-13	2.97E-13	4.09E+01	1.17E-11	1.22E-11	1.04E-12	1.08E-12
Fluoranthene	2.90E-13	2.97E-13	4.09E+01	1.19E-11	1.22E-11	1.05E-12	-08E
	2.91E-14	2.98E-14	4.09E+01	1.19E-12	1.22E-12	1.06E-13	1.08E-13
Prienantrifene	F 705-12	1.10E-16	4.09E+01	4.62E-15	4.74E-15	4.11E-16	4.21E-16
	7 195-17	7 245-13	4.09E+01	2.5/E-11	Z 02F 4F	2.11E-12	2 . 105 - 12
Pentachlorobenzene	3-61F-14	3 71F-14	0 245+00	2 3/E-12	3.02E-12	2 075-16	2 0/E-16
	6.58E-16	6.74E-16	4.09E+01	2.69E-14	2.76E-14	2.40E-15	2.45E-15
	3.13E-12	3.13E-12	2.89E-01	9.03E-13	9.03E-13	8.03E-14	8.03E-14
	3.40E-14	3.49E-14	4.09E+01	1.39E-12	1.43E-12	1.24E-13	1.27E-13
Tetrachlorobenzene	1.84E-14	1.89E-14	9.24E+00	1.70E-13	1.74E-13	1.51E-14	1.55E-14
Tetrachloroethene	6.03E-16	6.03E-16	2.89E-01	1.74E-16	1.74E-16	1.55E-17	1.55E-17
	9.61E-15	9.61E-15	4.81E-02	4.62E-16	4.62E-16	4.11E-17	4.11E-17
Trichlorobenzene	8.81E-15	9.04E-15	9.24E+00	8.14E-14	8,35E-14	7.23E-15	7.42E-15
Trichloroethene	6.43E-15	6.43E-15	2.89E-01	1.86E-15	1.86E-15	1.65E-16	1.65E-16
Unsym. dimethyl hydrazine	2.03E-09	2.06E-09	4.09E+01	8.32E-08	8.45E-08	7.40E-09	7.51E-09
	2.97E-16	3.04E-16	4.09E+01	1.22F-14	1.25F-14	1.08F-15	1,11F-15
Vinyl acetate	3.97E-15	3.97E-15	2.89E-01	1,15F-15	1 15F-15	1.02F-16	1.02F-16
chiuride	3.68E-15	3. 68F-15	2 39E.01	1 065-15	1 065-15	O 4.4E.17	//E-
Xylenes (total)	6.86E-16	6.86E-16	9.62E-03	6.60E-18	6.60E-18	5.87E-19	5.87E-19
	3 78F-12	3 ROF-12	NA	0 00000	000000	000000	OUT TO
	2 10F-14	2 25E-14	VIV.	000000	00-100	00-100	000000
CIII)	O 40E-14	0 405.17	V 41	0.00	00+100	00.00	0.00
(1)	2 / 15-15	7 745.15	***	00.000.00	0.001.00	0.00=+00	0.001.00
	7 772-12	2,415.13	Y S	0.005+00	0.00E+00	0.00=+00	0.005+00
	7 705-00	7 .07 00	Z :	0.00=+00	0.00E+00	0.00E+00	0.00E+00
	1 /45-12	1 715.12	Z =	0.00E+00	0.00=+00	0.00=+00	0.00=+00
	4 /25 42	C -21+1	¥ :	0.005-00	0.00=+00	0.00=+00	0.00E+00
	1.435-13	2 - 17 - 1.	¥ :	0.00=+00	0.00E+00	0.00E+00	0.00E+00
	4.202-13	4.285-13	NA:	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	1,705-15	1.905-15	Z Z	0.00E+00	0.00E+00	0.00E+00	
	1.15E-12	1.13E-12	AN	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	•						
	- 8 11	TF = 0.8*0.04/0.3/k Breast Milk = DI*TF(da EDI = BMC*IR/BW(infant)	:/0.3/k = DI*TF(day) 'BW(infant)				
		8.00E-01 1	8.00E-01 Ingestion Rate (kg/day)	(kg/day)			
		7.00E+00 B	body Weight (Kg)	y · intant			
		HALF LIVES					
		0.33	Z.U8E+UU AC	Acrylonitrile			
		27.0		pelizerie			
		120		חסד			
		1.875	3.70E-01 1	1-DCE & Pheno	_		
		566	2.61E-03 D	Dieldrin	•		
		2120	3.27E-04 D	Dioxin			
		09		Hexach Lorobenzene	ine		
		0.3125		Toluene			

¥	EDI CHILD AVERAGE ESTIMATED DAILY INTAKE mg/Kg/day	1.13E-11 2.39E-20 1.22E-13 7.57E-15 2.78E-17 5.87E-17 2.05E-17 2.05E-17 2.05E-17 2.45E-19 6.48E-19 6.48E-19 1.36E-19 1.36E-19 5.54E-14 5.54E-14 5.54E-14 7.09E-17 7.09E-17 7.09E-17 7.09E-17 7.09E-17 7.09E-17 7.09E-17 7.09E-17 7.09E-17 7.09E-17 7.09E-17
-	EDI ADULT AVERAGE ESTIMATED DAILY INTAKE mg/Kg/day	4.76e-12 1.01e-20 3.14e-17 1.05e-14 1.05e-14 1.05e-15 1.05e-17 1.02e-16 1.03e-17 1.02e-16 1.03e-17 1.02e-16 1.03e-17 1.02e-16 1.03e-17 1.02e-16 1.03e-17 1.02e-16 1.03e-17 1.02e-16 1.03e-17 1.02e-16 1.03e-17 1.02e-16 1.0
-	Ct AVERAGE CONC ON PLANT mg/Kg	8.97E-09 1.90E-17 2.05E-11 2.05E-11 2.05E-11 1.97E-10 1.65E-14 1.63E-14 1.63E-14 1.63E-14 1.63E-14 1.63E-14 1.63E-14 1.63E-14 1.63E-14 1.95E-12 1.95E-12 1.95E-12 1.95E-13 1.95E-13 1.95E-13 1.95E-13 1.95E-13 1.95E-13 1.95E-13 1.95E-13 1.95E-13 1.95E-14 1.10E-14 1.10E-14 1.10E-14 1.10E-14 1.74E-06
=	CS AVERAGE CONC. ON PLANT SURFACE mg/Kg	1.19E-11 1.85E-17 1.85E-17 1.85E-17 1.50E-13 3.27E-12 3.28E-14 5.77E-15 3.48E-16 5.77E-17 3.48E-16 5.77E-17 3.66E-17
g	Cu AVERAGE CONC.DUE TO UPTAKE mg/Kg	8.96E-09 4.51E-19 5.87E-14 5.87E-12 1.94E-10 6.49E-14 4.69E-14 4.69E-14 4.69E-14 7.77E-12 1.94E-12 1.94E-12 1.94E-12 1.94E-12 1.94E-13 1.94E-13 1.94E-13 1.94E-14 1.94E-15 1.94E-
r.	PUF PLANT UPTAKE FACTOR	3.68E+00 6.50E-01 6.50E-01 1.92E-01 1.92E-01 1.92E-01 1.92E-01 1.92E-01 1.92E-01 1.92E-01 1.92E-01 1.92E-01 1.92E-01 1.92E-01 1.92E-01 1.92E-01 1.92E-01 1.92E-01 1.92E-02 1.92E-03 1.92E-
E PTION - AVERAGE	C soil AVERAGE CALCULATED F CONC IN SOIL . 2M mg/Kg	2.44E - 09 3.78E - 15 3.78E - 15 3.04E - 11 3.04E - 11 3.04E - 11 3.04E - 12 4.85E - 13 4.85E - 13 5.09E - 12 5.09E - 13 6.09E - 12 5.09E - 12 5.09E - 13 6.09E - 12 5.09E - 13 6.09E - 12 5.09E - 13 6.09E - 13
D TABLE 8 TOMATO CONSUMPTION	D DRY DEPOSITION RATE 9/M2/yr	1.68E-10 2.60E-16 5.82E-17 2.09E-17 2.09E-17 1.15E-14 4.59E-17 1.15E-14 4.76E-15 6.69E-16 6.56E-16 6.56E-16 6.56E-16 6.56E-17 4.76E-17 4.76E-17 5.39E-17 4.76E-17 6.69E-16 6.56E-16 6.56E-16 6.56E-16 6.56E-16 6.56E-17 4.19E-
	18- Jun-91 14:11:47	phthalate ine ine nitrile amine thracene thracene
C BASE CASE		Acetonitrile Addrin Aldrin Aniline Arrazine Benzaldehyde Benzofuran Benzonitrile Benzonitrile Benzonitrile Benzonitrile Benzonitrile Benzonitrile Garbazole 4-Chlorobiphenyl 4,4-Chlorobiphenyl Chloroethane Dibenzofuran 1,2-Dichloroethane Dibenzofuran 1,2-Dichlorobenzene Hydrazine Lindae Malathion Methyl ethyl ketone Hydrazine Lindae Malathion Methyl ethyl ketone Hydrazine Chrommethyl hydrazine Malathion Methyl ethyl ketone Findae Malathion Methyl ethyl ketone Findae Malathion Methyl ethyl hydrazine Naphthalene carbonitrile Naphthalene Racenaphthalene Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Fluoranthene Fluoranthene Phenanthrone Phenanthrone Phenanthrone Phenol Quinoline Tetrachlorobenzene Trichlorobenzene Unsym. dimethyl hydrazine
117 B 118 120	222222222	133 133 133 133 133 133 133 133 133 133

¥	5.31E-15 8.14E-17 6.40E-16	ADITOM			VSDF	IG	mgg				
7	2.24E-15 3.43E-17 2.70E-16		r 7	₩>			2 6				
-	4.23E-12 6.48E-14 5.09E-13	W RATE ,Kg/da			s/Kg	FROM RURAL S				£	
±	3.94E-12 2.28E-14 1.48E-13	CHILD 3.36E-02 TOMATO INGESTION RATE ,Kg/day 1.55E+01 BODY WEIGHT, KG	tomato, 1/s	t tomato, s Y tomato, Ka/M2	VSDF tomato, M2s/Kg	FRACT. CONSUMED FROM RURAL SOURCE.	/8	,,	^	Cs = VSDF*Deposition*mgg/secyr	OM*HG/ADWT
g	2.89E-13 4.19E-14 3.62E-13	3.36E-02 TO	6.80E-02 r 5.78E-07 k	3.89E+06 t	7.85E+04 VS	5.80E-01 FRACT.	1.00E+03 mg/g	¥	VSDF = r*(1-e	= VSDF*Depos	cu = PUF*CSO11 EDI = (Ct)*ADITOM*HG/ADWT
u.	3.60E-04 9.00E-03 1.20E-02	ADULT 6.40E-02 7.00E+01	6.80E-02 5.78E-07	3.89E+06	7.85E+04	0.58 7 15F±07	1.00E+03		SA	ຮຸ	EOI
ш	8.04E-10 4.66E-12 3.01E-11										
D TABLE 8	5.53E-11 3.20E-13 2.07E-12										
U											
B BASE CASE	NORGANICS Arsenic Cadmium Mercury										
118	177 181 181 181 181	183 184 185	187	188 189	190	19.2	193	194	55	197	199

۰	EDI CHILD MAXIMUM ESTIMATED DAILY INTAKE	1.19E-11 2.55E-13 2.55E-14 3.92E-14 1.41E-14 1.41E-14 1.39E-15 2.65E-17 2.65E-16 1.32E-16 1.32E-17 1.32E-14 1.33E-14 1.33E-14 1.33E-14 1.33E-14 1.33E-14 1.33E-14 1.33E-14 1.33E-14 1.33E-14 1.35E-15 1.66E-15 2.66E-17 2.66E-17 2.66E-17 2.66E-17 2.66E-17 2.66E-17 1.32E-17 1.33E-14 1.33E-14 1.33E-14 1.33E-14 1.33E-14 1.33E-14 1.33E-14 1.33E-14 1.33E-14 1.33E-14	24E-1 29E-1 23E-0 22E-1
ω	EDI ADULT MAXIMUM ESTIMATED DAILY INTAKE	5.04E-12 5.44E-14 1.65E-14 1.65E-14 1.65E-14 1.65E-14 1.65E-14 1.65E-14 1.65E-14 1.65E-14 1.65E-14 1.65E-14 1.65E-14 1.65E-14 1.65E-14 1.65E-14 1.65E-14 1.65E-14 1.65E-14 1.65E-16 1.66E-16 1.66E-	3.48E-16 1.81E-16 9.41E-10 1.70E-17
α	Ct MAXIMUM CONC ON PLANT mg/Kg	9.50E-09 6.49E-16 7.24E-10 2.02E-17 7.24E-11 7.24E-11 7.24E-11 3.12E-11 3.12E-11 7.24E-11 7.26E-12 7.25E-12	6.56E-13 3.41E-13 1.77E-06 3.20E-14
G	CS MAXIMUM CONC. ON PLANT SURFACE mg/Kg	2.35E-10 4.18E-10 1.07E-11 1.07E-11 1.07E-11 2.35E-13 1.19E-12 1.04E-	6,30E-13 3,19E-13 5,06E-09 1,02E-14
۵	CU MAXIMUM CONC.DUE TO UPTAKE mg/Kg	9.09e-09 4.57re-19 5.59e-11 2.05e-11 2.05e-11 4.60e-12 4.60e-12 4.60e-14 5.38e-12 6.58e-12 6.58e-14 7.108e-15 7.26e-16 7.36e-16 7.36e-17 7.36e-17 7.36e-17 7.36e-17 7.36e-16 7.36e-17 7.36e-17 7.36e-17 7.36e-17 7.36e-17 7.36e-17 7.36e-17 7.36e-17 7.36e-17 7.36e-17 7.36e-17 7.36e-17 7.36e-17 7.66e-17 7.66e-17 7.66e-17 7.76	7E-1 7E-0 7E-0 8E-1
0 ¥1	PUF PLANT UPTAKE FACTOR	3.68E+00 1.18E-04 7.02E-01 6.60E-02 1.92E-01 1.92E-01 2.03E-01 2.03E-01 3.19E-01 1.57E-03 3.19E-01 1.57E-03 1.45E+02 1.65E+00 1.65E+00 1.65E+00 1.65E+00 1.65E+00 1.65E+00 1.65E+00 1.65E+00 1.65E+00 1.65E+00 1.65E+00 1.65E+00 1.65E+00 1.65E+00 1.65E+00 1.65E+00 1.65E+00 1.65E+00 1.66E-02 5.76E-03 5.76E-03 3.32E-01 1.66E-03 3.32E-01	6.82E-03 1.15E-02 5.91E+01 3.60E-01
N PTION - MAXIMUM	C soil MAXIMUM CALCULATED F CONC IN SOIL .2M mg/Kg	2.47E-09 3.384E-15 6.33E-10 6.33E-10 6.33E-11 7.38E-15 7.08E-10 7.03E-12 7.03E-12 7.05E-15 9.67E-10 7.03E-12 7.05E-13 6.18E-12 7.05E-13 6.18E-12 7.05E-14 7.59E-12 7.59E-12 6.18E-12 6.18E-12 7.59E-12 7.59E-12 7.59E-12 7.59E-12 7.59E-12 7.59E-12 7.59E-12 7.59E-12 7.59E-12 7.59E-12 7.59E-12	3.73E-12 1.89E-12 2.99E-08 6.05E-14
M TABLE 9 TOMATO CONSUMPTION	D DRY DEPOSITION RATE 9/M2/yr	1.68E-10 2.60E-16 2.82E-12 2.82E-12 2.98E-12 1.75E-12 2.09E-11 2.09E-12 4.19E-12 4.19E-12 4.19E-12 4.19E-12 4.19E-13 8.23E-13 8.23E-13 8.23E-13 8.23E-13 8.23E-13 8.23E-13 8.23E-13 8.23E-13 8.23E-13 8.23E-13 8.23E-13 8.23E-13 8.23E-13 8.23E-13 8.23E-13	2.53E-13 1.28E-13 2.03E-09 4.10E-15
	18-Jun-91 14:11:47	hthalate e itrile mine hracene	drazine
ပ		cs etonitrile drin iline razine nzaldehyde nzoldenson nzoic Acid nzonitrile nzorhiazole nzorhiazole s(2-ethylhexyl)phthalat bazole s(2-ethylhexyl)phthalat bazole s(2-ethylhexyl)phthalat bazole s(2-ethylhexyl)phthalat coroethane enzofuran s-chlorobiphenyl toroethane enzofuran achlorobenzene litrosodimethyl mithalene hthalene carbonitrile iltrosodimethylamine sathion athylphenol litrosodimethylamine shylphene hthalene hthalene bhthalene hthalene sthorene Phenanthrene Phenanthrene Phenanthrene Phenanthrene shrion athion tachlorobenzene athion	obenzene enzene ethyl hyc
BASE CASE		Acetonitrile Acetonitrile Aldrin Anline Atlaine Atrazine Benzaldehyde Benzofuran Benzothiazole Bis(2-ethylhexyl)phthalate Carbazole 4-Chlorobiphenyl Chloroethane Dibenzofuran 1,2-Dichloroethane Dibenzofuran Malathion Methyl ethyl ketone Hydrazine Lindane Malathion Methyl ethyl ketone A-Methylphenol Monomethyl hydrazine Malathion Methyl ethyl ketone Hydrazine Lindane Malathion Methyl ethyl ketone Fluoranthene Benzo(a)pyrene Chrysene Chrysene Phenanthrene Phenanthrene Phenanthrene Phenol Quinoline Autholine Phenol	letrachlorobenzene Ursym. dimethyl hydrazine Vapona
m M		086	
118 119 120	122 123 124 125 128 128	8122 8122 8122 8122 8122 8122 8122 8122	175

+	1.74E-13 1.06E-15 6.96E-15	AD I TOM ADWT			VSDF	g	secyr	n n			
o	7.32E-14 4.46E-16 2.93E-15		- ×	₽ >			ÖΕ				
œ	1.38E-10 8.41E-13 5.53E-12	N RATE ,Kg/da			s/Kg	FROM RURAL S				7	
œ	1.38E-10 7.99E-13 5.17E-12	HILD .36E-02 TOMATO INGESTION RATE ,Kg/day .55E+01 BODY WEIGHT, KG	r tomato k tomato, 1/s	Y tomato, Kg/M2	VSDF tomato, M2s/Kg	FRACT. CONSUMED FROM RURAL SOURCE.	sec/yr	-kt	^	Cs = VSDF*Deposition*mgg/secyr	TOM*HG/ADWT
۵	2.94E-13 4.25E-14 3.67E-13	3.36E-02 TO 1.55E+01 BG	6.80E-02 r 5.78E-07 k	1.34E+00 Y		5.80E-01 F	1.00F+07 m	-	VSDF = r*(1-e	= VSDF*Depoi	EDI = (Ct)*ADITOM*HG/ADWT
0	3.60E-04 9.00E-03 1.20E-02	ADULT 6.40E-02 7.00E+01	5.78E-07	1.34E+00	7.85E+04	5.80E-01	3.15E+U/		S/	S	3 6
z	8.15E-10 4.73E-12 3.06E-11										
M TABLE 9	5.53E-11 3.20E-13 2.07E-12										
U											
B BASE CASE	INORGANICS Arsenic Cadmium Mercury										
118	178 180 181 181 181	28,28	187	189	190	191	193	194	195	197	199

AC	EDI CHILD AVERAGE ESTIMATED DAILY INTAKE mg/Kg/day	3.47E-13 3.78E-15 2.52E-18 8.09E-16 7.80E-15 7.80E-15 7.80E-19 7.80E-19 7.78E-19 8.86E-17 7.78E-19	6.74E-11 8.57E-19
АВ	EDI ADULT AVERAGE ESTIMATED DAILY INTAKE mg/Kg/day	7.38E-13 8.03E-13 1.72E-15 1.94E-15 1.65E-14 4.00E-18 1.65E-14 1.05E-16 1.05E-16 1.05E-16 1.05E-17 1.05E-17 1.05E-18 1.64E-17 2.02E-17 1.05E-18 3.53E-18 3.53E-10 5.48E-17 6.43E-18 3.55E-20 8.88E-18 3.55E-20 6.45E-17 6.45E-17 6.46E-17 6.45E-17 6.45E-17 7.01E-17 7.08E-17	1.43E-10 1.82E-18
AA	Ct AVERAGE CONC ON PLANT mg/Kg	3.76E-17 3.76E-17 1.76E-17 1.76E-17 1.66E-17 1.66E-17 1.06E-14 1.06E-14 1.06E-14 1.06E-14 1.06E-14 1.06E-15 1.06E-15 1.06E-17 1.06E-	1.45E-06 1.85E-14
7	CS AVERAGE CONC. ON PLANT SURFACE mg/Kg	2.40E-11 3.73E-12 6.15E-13 7.37E-15 7.37E-15 7.35E-15 8.34E-15 8.36E-	2.90E-10 5.87E-16
>	Cu AVERAGE CONC.DUE TO UPTAKE mg/Kg	7.46E 8.01E-11 1.68E-11 1.68E-11 1.68E-11 1.68E-11 1.61E-10 3.77E-14 1.32E-14	1.79E-14
× AGE	PUF PLANT UPTAKE FACTOR	3.06e+00 9.93e-05 5.43e-05 5.43e-05 1.60e-01 1.50e-01 1.33e-01 1.48e-05 1.37e+00 1.3	3.00E-01
W CONSUMPTION - AVERAGE	C soil AVERAGE CALCULATED CONC IN SOIL .2M mg/Kg	2.44E - 05 - 10 - 10 - 10 - 10 - 10 - 10 - 10	, 16 6E
V TABLE 10 LETTUCE CONSU	D DRY DEPOSITION RATE g/MZ/yr	2.68E-10 2.60E-16 2.60E-16 2.09E-17	
	18-Jun-91 14:11:47	phthalate e e e e e mi ne ine amine thracene	/drazırıe
BASE CASE		Acetonitrile Aldrin Aniline Atrazine Benzaldehyde Benzaldehyde Benzothiazole Benzothiazole Bis(2-ethylhexyl)phthalate Carbazole 4-Chlorobiphenyl 4,4-Chlorobiphenyl Chlorobiphenyl Chlorobenzene Hydrazine Lindane Malathion Methyl ethyl ketone Lindane Malathion Methyl ethyl ketone Chlorobenzene Hydrazine Naphthalene carbonitrile Naphthalene carbonitrile Naphthalene carbonitrile Naphthalene Chrysene Dibenzo(a)pyrene Chrysene Fluorenthene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenanthorobenzene Phenol Quinoline Infilorobenzene In	Vapona Vapona
	282232323		176

ΑC	4.42E-16 8.07E-18 7.67E-17															
		ADILET	ADWT	. . ×	ų	>	VSDF	HG	secyr	mgg						
	0.44	Kg/dav						AL SOURCE.								
AA	9.52E-12 1.74E-13 1.65E-12	TION RATE .	KG.	S		I/M2	M2s/Kg	IED FROM RUR						ecyr	!	3
7	7.91E-12 4.59E-14 2.97E-13	HILD .24E-03 LETTUCE INGESTION RATE .Kg/day	BODY WEIGHT, KG- r lettuce		t lettuce, s	_	VSDF lettuce, M2s/Kg	FRACT. CONSUMED FROM RURAL SOURCE.	sec/yr	mg/g	-kt	^	<u>ب</u> د	<pre>Cs = VSDF*Deposition*mgg/secyr</pre>		EDI = (CS+CU)*ADILEI*HG/ADWI
> -	1.28E-13 1.36E-12	CHILD 1.24E-03	1.55E+01 E	5.78E-07	5.62E+06	1.58E+00	1.58E+05	5.80E-01	3.15E+07	1.00E+03		VSDF = r*(1-e)	¥*	s = VSDF*Dep	Cu = PUF*Csoi	:DI = (CS+CN)
×	2.00E-03 2.75E-02 4.50E-02	ADULT 1.19E-02	7.00E+01 1.50E-01	5.78E-07	5-62E+06	1.58E+00	1.58E+05	5.80E-01	3.15E+07	1.00E+03						-
3 0	8.04E-10 4.66E-12 3.01E-11															
V TABLE 10	3.20E-13 2.07E-12															
ပ																
B BASE CASE INORGANICS	Arsenic Cadmium Mercury															
118 177 178 178		183	185 186	187	200	200	26.	191	261	252	194	23	9	197	9 0	

ΑΓ	EDI CHILD MAXIMUM ESTIMATED DAILY INTAKE mg/Kg/day	3.90e-3. 5.96e-13 5.96e-15 6.32e-15 7.19e-15 7.19e-15 7.19e-15 7.19e-15 7.19e-15 7.19e-15 7.19e-16 7.19e-16 7.19e-16 7.19e-16 7.19e-16 7.19e-17 7.19e-16 7.19e-17 7.19e-	36E-1
AK	EDI ADULT MAXIMUM ESTIMATED DAILY INTAKE mg/Kg/day	8.228-13 3.286-14 3.346-14 1.206-14 1.346-17 2.366-16 5.266-16 5.196-17 1.066-15 1.066-15 5.366-16 5.366-16 5.366-16 5.366-16 5.366-16 5.366-16 5.366-16 5.366-16 5.366-16 5.366-16 5.366-16 5.366-16 5.366-16 5.366-16 5.366-16 5.366-16 5.366-16 5.366-16	7E-1
P	Ct MAXIMUM CONC ON PLANT mg/Kg	8.41E-09 1.30E-15 3.38E-15 1.22E-10 1.35E-13 3.36E-14 4.26E-14 4.26E-14 6.35E-12 6.35E-15 7.68E-14 4.66E-15 7.68E-14 7.68E-14 7.68E-14 7.68E-14 8.23E-10 2.10E-11 2.10E-11 2.10E-11 2.10E-11 2.26E-12 3.36E-13 3.36E-14 4.63E-14 3.36E-15 5.26E-15 7.69E-14 3.26E-15 7.69E-14	6.60E-12 1.48E-06
AI	CS MAXIMUM CONC. ON PLANT SURFACE mg/Kg	8.40e-10 1.30e-10 1.30e-10 1.05e-13 2.92e-13 2.92e-13 2.92e-13 2.92e-13 2.30e-10	1.02E-18 1.02E-08 2.06E-14
H.	CU MAXIMUM CONC.DUE TO UPTAKE mg/Kg	2.57E-09 3.81E-19 4.66E-14 1.71E-11 1.69E-12 1.68E-12 1.68E-14 1.347E-12 1.68E-14 1.58E-16 1.16E-17 1.58E-16 1.18E-17 1.18E-17 1.18E-16 1.18E-17 1.18E-16 1.18E-17 1.18E-16 1.18E-16 1.18E-17 1.18E-16 1.18E-17 1.18E-16	1.81E-14 1.47E-06 1.81E-14
MUM MU	PUF PLANT UPTAKE FACTOR	3.06e+00 9.93e-05 5.85e-01 5.85e-01 1.50e-02 1.50e-02 1.33e-01 1.33e-01 1.33e-01 1.33e-01 1.33e-01 1.33e-01 1.33e-01 1.33e-01 1.33e-01 1.33e-01 1.33e-01 1.33e-01 1.33e-01 1.33e-01 1.36e-01 1.36e-02 2.22e-02 2.22e-02 4.33e-03 1.20e-02 2.20e-03 2.20e-03	
CONSUMPTION - MAXIMUM	C SOIL MAXIMUM CALCULATED CONC IN SOIL .2M mg/Kg	2.47E-09 8.59E-15 6.53E-11 7.39E-10 5.77E-10 7.75E-11 7.96E-13 7.05E-15 7.0	1.89E-12 2.99E-08
TABLE 11 LETTUCE CONSU	D DRY DEPOSITION RATE 9/M2/yr	2.60E-10 2.60E-10 2.60E-10 2.00E-12 2.00E-12 1.96E-14 1.96E-14 1.36E-14 1.36E-14 1.36E-14 1.36E-14 1.26E-14 2.53E-15 2.09E-12 4.19E-12 4.19E-12 4.19E-12 4.19E-12 4.19E-12 4.19E-12 4.19E-12 4.19E-12 4.19E-13 8.36E-14 6.56E-16 8.36E-16	1.28E-13 2.03E-09 4.10E-15
	18-Jun-91 14:11:47	ohthalate ne nitrile mine hracene	drazine
BASE CASE		Acetonitrile Aldrin Aniline Atrazine Benzaldehyde Benzaldehyde Benzofuran Benzofuran Benzofirile Benzofirile Benzofirile Benzofirile Bis(2-ethylhexyl)phthalate Carbazole 4-Chlorobiphenyl 4,4-Chlorobiphenyl Chlorobiphenyl Achazine Lindane Dieldrin Marathion Methyl ethyl ketone Hydrazine Lindane Malathion Methyl ethyl ketone Hydrazine Naphthalene Chrysene Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Fluoranthene Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Fluoranthene Phenanthrene Pyrene	Trichlorobenzene Unsym. dimethyl hydrazine Vapona
118 119 120 131	25 25 25 25 25 25 25 25 25 25 25 25 25 2		175 175 176

AK	2.75E-14 1.29E-14 1.71E-16 8.06E-17 1.16E-15 5.46E-16		ADWT	<u></u>	4	>	VSDF		secyr	BBW					
PΛ	2.79E-10 1.74E-12 1.18E-11	HILD 26E-03 LETTICE INGESTION BATE Kaldav	. 9			42	42s/Kg	FRACT. CONSUMED FROM RURAL SOURCE.						cyr	
AI	2.77E-10 1.61E-12 1.04E-11	ETTHICE INCEST	.55E+01 BODY WEIGHT, KG	r lettuce k lettuce, 1/s	t lettuce, s	y lettuce, Kg/M2	VSDF lettuce, M2s/Kg	FRACT. CONSUME	sec/yr	mg/g	-kt	^		<pre>Cs = VSDF*Deposition*mgg/secyr Cu = PUF*Csoil</pre>	EDI = (Cs+Cu)*ADILET*HG/ADWI
АН	1.63E-12 1.30E-13 1.38E-12	CHILD 1 26E-03	1.556+01	5.78E-07	5.62E+06	1.58E+00	1.58E+05	5.80E-01	3.15E+07	1.00E+03 mg/g		VSDF = r*(1-e	** A	Cs = VSDF*Depo Cu = PUF*Csoil	$I = (Cs+Cu)^3$
AG	2.00E-03 2.75E-02 4.50E-02	ADULT 1,10F-02	7.00E+01	1.50E-01 5.78E-07	5.62E+06	1.58E+00	1.58E+05	5.80E-01	3.15E+07	1.00E+03		SA		នួន	
AF	8.15E-10 4.73E-12 3.06E-11														
AE TABLE 11	5.53E-11 3.20E-13 2.07E-12														
ပ		>													
BASE CASE	INORGANICS Arsenic Cadmium Mercury														

BASE CASE TABLE 1 CARROT	18-Jun-91 C soil 14:11:47 AVERAGE CALCULATED CONC IN SOIL .2M mg/Kg	NICS			Atrazine 8.4	0 10	M	9 (Senzotniazole 2.8 Bis(2-ethylhexvi)phthalate 1 6		2	4-Chlorobiphenyl	• •	91	1,2-Dichloroethane 7.01E-1 Dieldrin 6.05E-1	~	ne 2	Malathion 0 57	etone	← 1	Monometnyl hydrazine 7.48 Nachthalene 1 2	trile 6	ine 7.	ne		benzo(a)pyrene 6.05	a.h)anthracene			threne		Pertachlorobenzene 7.89		Quinoline 6.86E-12	ne		Unsvm. dimethy! hydrazine 2 05
TABLE 12 CARROT CONSUMPTION - AVERAGE	il AGE ATED log Ком IN L Kg	8	78E-15 7.4	10	2	= =		2	.84E-13 2.01	2 0	4	M T	. ~	121	M u	n ←	ω.	νι	. ~	2	3E-09 -3.08		•	3.046-11 4.07							_			E-12 2.03			
	No So		2.2	73.553	320	152 212	248	168	295.42	1193	349.5	38486	143	7152	1700	20000	0.1	1800	4.5	67	0.503	871	0.1	2500	4600	5500000	200002	38000	7300	14000	38000	3664	14	<u> </u>	1600	9200	•
	RUF ROOT UPTAKE FACTOR	0.107	2.68E+01	9.28E-01	9.50E-01	5.75E-01	4.69E-01	5.45E-01	4.50E-01	6.57E-01	3.21E-01	3.29E-01	6.13E-01	4.50E-01	6.22E+00	6.94E-01	5.78E+02	7.9/E-01	1.36E+01	2.53E+00	1.15E+02	0.94F-01	5.84E+02	1.18E+00	4.95E-01	3.40E-02	5.U0E-U1	5.87F-01	6.95E-01	5.06E-01	5.47E-01	5.14E-01	4.155+00	1.72E+00	3.12E+00	2.75E-01	CO. TOO C
	C plant AVERAGE CONC.DUE TO UPTAKE mg/Kg		6.52E-08	1.27E-10	8.04E-13	3.58E-11	1.43E-11	3.63E-10	1.28E-13	9.00E-13	2.52E-14	6.36E-14	4.24F-12	2.74E-12	4.36E-12	1.27E-11	1.37E-05	2.57E-15	1.60E-11	2.71E-12	8.59E-07	6-63F-10		3.58E-11	1.50E-11	2.07E-12	1.80E-12 2.07E-12	3.57F-11	4.23E-12	1.20E-14	6-66E-11	7.76E-15	7 36F-13	1.18E-11	1.15E-11	5.11E-13	70 101 0
	EDI ADULT AVERAGE ESTIMATED DAILY ·INTAKE mg/Kg/day		6.33E-12				1.39E-15	3.52E-14	1.24E-17	8.73E-17	2.44E-18	6.17E-18	4.11E-16	2.66E-16	4.23E-16	1.24E-15	1.33E-09	2.49E-19	1.55E-15	2.62E-16	8.33E-11	6.47F-14	4.31E-13	3.47E-15	1.46E-15	2.01E-16	7 85E-16	3.47F-15	4.10E-16	1.16E-18	6-46E-15	7.52E-19	7.13F-17	1.14E-15	1.11E-15	4.95E-17	0 0/1
	EDI CHILD AVERAGE ESTIMATED DAILY INTAKE mg/Kg/day	i	9.47E-	1.85E-	1.17E-	5.19E-	2.08E-1	5.28E-1	1.86E-1	1.31E-1	3.66E-1	9.23E-1	6.16F-1	3.98E-1	6.33E-1	1.85E-15	1.99E-0	3.73E-19	2.32E-1	3.93E-1	1.25E-1	9.62F-1	6.45E-1	5.20E-1	2.18E-1	3.00E-16	5 775-1	7.101.1	6.15E-1	1.74E-	9.67E-1	1.13E-1	1 075-1	1.71E-	1.66E-1	7.42E-	1100

AU	8.40E-17 1.22E-17 1.05E-16		
AT	5.61E-17 8.13E-18 7.01E-17	- A R	carrot
AS	5.79E-13 8.39E-14 7.23E-13	ARBON CONTENT ON RATE ,Kg/de S RROTS HOMEGROW	1.52 / ADWT lettuce + DI
AR	7.20E-04 1.80E-02 2.40E-02	1.42E-02 SOIL ORGANIC CARBON CONTENT 0.00388 CARROT INGESTION RATE ,Kg/day 1.55E+01 BODY WEIGHT, KG 5.80E-01 FRACTION OF CARROTS HOMEGROWN	log(RCF-0.82) = 0.77log Kow-1.52 RUF = RCF (Koc*Foc) Cplant = RUF*Csoil EDI = C plant * ADICAR * HG / ADWT EDI (total; = DI tomatu * DI lettuce + DI carrot
AQ		1.42E-02 0.00388 1.55E+01 5.80E-01	log(RCF-0.82) : RUF = RCF (Koc*Foc) Cplant = RUF*C; EDI = C plant = EDI = C plant = EDI = C plant = EDI = EDI = EDI = EDI (total; = EDI = ED
AP	H	1.42E-02 0.0117 7.00E+01 5.80E-01	-
AO TABLE 12	8.04E-10 4.66E-12 3.01E-11	Foc ADICAR ADUT HG	
B BASE CASE	INORGANICS Arsenic Cadmium Mercury		
117	178 178 183 183 184 183	188 188 189 189 189	192 193 195 195

BASE CASE	NORGANICS Arsenic	Cadmium	Mercury										
AW TABLE 13	8,15F-10	4.73E-12	3.06E-11		Foc	ADICAR	ADMT	SH					
Ϋ́				ADULT	1.42E-02	1.17E-02	7.00E+01	5.80E-01	_	æ		, m	ш
AY				CHILD	1.42E-02	3.88E-03	1.55E+01	5.80E-01	.og(RCF-0.82)	UF = RCF	(KOC*FOC)	DI = C plant	DI (total) =
AZ	7 205.07	1.80E-02	2.40E-02		1.42E-02 SOIL ORGANIC CARBON CONTENT	INGESTION RATE	BODY WEIGHT, K	5.80E-01 FRACTION OF CARROTS HOMEGROWN	log(RCF-0.82) = 0.77log Kow-1.52) Sepi l	EDI = C plant * ADICAR * HG / ADUT	EDI (total) = DI tomato + DI lettuce + DI carrot
ВА	E 075.12	8.515-14	7.34E-13		ARBON CONTENT	, Kg/day		RROTS HOMEGROW	-1.52			/ ADUT	I lettuce + DI
88	F 705 17	8 25E-18	7.116-17					3					carrot
BC	707 0	1 265-17	1.07E-16						•				

#	D MAXIMUM ESTIMATED DAILY INTAKE mg/Kg/day	2. 19E-11 3. 87E-13 3. 87E-14 4. 63E-14 1. 59E-14 4. 63E-14 4. 63E-14 4. 63E-14 4. 63E-14 5. 02E-16 6. 48E-17 7. 77E-16 6. 48E-17 7. 77E-18 8. 92E-18 7. 48E-16 6. 48E-17 7. 77E-18 8. 92E-16 7. 77E-17 7. 77E-17 7. 77E-17 7. 77E-18 8. 92E-16 7. 77E-17 7. 77E-17 7. 77E-17 7. 78E-16 8. 92E-16 7. 72E-18 7. 72E-18 7. 72E-18 7. 72E-18 7. 72E-18 7. 72E-18 7. 72E-16 7. 72E-16 7. 72E-17 7. 72E-16 7. 72E-16 7. 72E-16 7. 72E-17 7. 72E-16 7. 72E-17 7. 72E-16 7. 72E-17 7. 72E-16 7. 72E-17 7. 72E-17 7. 72E-18 7. 72E-16 7. 72E-16 7. 72E-17 7. 72E-16 7. 72E-16 7. 72E-17 7. 72E-16 7. 72E-17 7. 72E-16 7. 72E-17 7. 72E-17 7. 72E-17
BG V atoes)	AVERAGE ESTIMATED E DAILY INTAKE mg/Kg/day m	2.11E-11 1.94E-13 1.94E-13 3.18E-14 7.02E-14 7.02E-14 7.02E-14 1.91E-16 2.05E-16 6.38E-19 9.32E-15 6.38E-19 9.30E-19 9.30E-10 7.02E-15 7.02E-15 7.02E-16 1.53E-16 1.53E-16 1.53E-16 1.53E-16 1.53E-16 1.53E-16 1.53E-16 1.55E-16
SE BF 14 VEGETABLE CONSUMPTION ots, lettuce, and toma	MAXIMUM ESTIMATED DAILY INTAKE mg/Kg/day	1.23E-11 8.35E-14 7.89E-14 8.38E-14 7.89E-14 7.52E-17 7.52E-17 7.52E-17 7.52E-17 7.66E-15 7.71E-16 7.72E-18 7.73E-19
BE BF TABLE 14 TOTAL VEGETABLE CONSUMPTION (carrots, lettuce, and tomatoes)	AVERAGE MAXI AVERAGE MAXI ESTIMATED ESTIM DAILY DAI INTAKE INTAM	1.18e-11 7.17e-14 1.16e-14 7.17e-14 1.16e-14 1.16e-15 1.37e-16 1.37e-16 1.32e-15 3.40e-09 3.40e-09 3.74e-15 7.37e-10 7.36e-15 7.36e-15 7.36e-15 7.36e-15 7.36e-15
BASE CASE	18-Jun-91 14:11:47	Addring Auldin Auldin Auldine Atrazine Benzaldehyde Benzaldehyde Benzoitrile Benzoitrile Benzoitrile Benzoitrile Benzoitrile Benzoitrile Grabazole 4-Chlorobiphenyl Chloropiphenyl Chloropiphenyl Chloropiphenyl Chloropiphenyl Chloropiphenyl Chloropiphenyl Chloropiphenyl Hydrazine Lindane Malation Malathion Malathion Malathion Maphthalene Acenaphthalene Acenaphthalene Benzo(a)pyrene Chrysene Parzhion Fluorene Prenathion Perzhion
8		OSC CONTRACTOR CONTRAC
118 119 120	125 125 125 126 126 127 128 128	82222222222222222222222222222222222222

ROCKY MIN ARSENAL - RESIDENT SCENARIO A - HYDRAZINE WASTESTREAM 18-14-0-

	Н	1.87E-13
18-Jun-91	98	1.01E-13 5.84E-15 1.87E-13
WASTESTREAM 1	8	1.01E-13
KUCKT MIN AKSENAL - KESIDENI SCENAKIO A - HYDKAZINE WASTESIKEAM 18-JUN-91	BE TABLE 14	3.24E-15
. KESIDENI	ပ	
T MIN AKSENAL .	117 B 118 BASE CASE	INORGANICS Arsenic
KOCK	118	178

	ATED ATED KE	6.38E-14 0 one-20	7E-15	2.22E-17 1.63E-15	ie-15	8.00E-16	7.44E-18	7E-18	7E-17	F-18	2.55E-19	.59E-16	.84E-17	.82E-19	E-13	E-20	F-17	E-17	1.96E-13	E-18	E-14	E-16	E-16	E-15	7-1	E-15	E-16	E-19	. t	E-16	E-18	E-16	E-17	. 72E-13
*	ESTIMATED DALLY INTERFECT DALLY INTAKE MG/KG/day	60	3.5	2.2	7.9	8.6	7 7	4.3	200	2.0	2.5	25.0	1.87	1.87	6.2	8.45	2.2	2.0	1.96	3.30	1.75E-1	7.95E	7.95	1.59	1.59	1.59	1.59	6.21		1.96E-1	3.13	1.80E-1	9.62	7.72
B.	C soil CALCULATED EST COLOUR D SOIL IN D SOIL IN MG/	4.94E-09	2.78E-10	1.72E-12	6.16E-10	6.20E-11	5.77E-13	3.40E-13	2.78E-12	3.92E-13	1.97E-14	1.246-11	1.42E-12	7.47E-14	4.81E-08	6.55E-15	1.93E-14	2 17F-12	1.52E-08	2.56E-13	1.54E-11	6.16E-11	6.16E-11	1.24E-10	1.24E-10	1.24E-10	1.24E-11	4.81E-14	Z 04F-10	1.52E-11	2.43E-13	1.39E-11	7.46E-12	5.98E-08
BK ESTION CHILD	EDI ESTIMATED DAILY INTAKE mg/Kg/day	6.29E-14	3.546-15	2.18E-17 1.61F-15	7.83E-15	1 725-16	7.34E-18	4.33E-18	2.025-18	4.99E-18	2.51E-19	1.57E-16	1.81E-17	1.79E-19	6.12E-13	8.33E-20	2 0/E-17	2.76F-17	1.93E-13	3.25E-18	1.96E-16	7.83E-16	7.83E-16	1.575-15	1.57E-15	1.57E-15	1.57E-16	6.12E-19	2 80E-10	1.93E-16	-	1.77E-16	9.49E-17	
BJ BK TABLE 15 SOIL/DUST INGESTION CHILD	C soil CALCULATED ESTIN CONC IN DA SOIL INT.	4.87E-09	2.74E-10	1.69E-12	6.07E-10	1.33F-09	5.69E-13	3.36E-13	1.57E-13	3.86E-13	1.95E-14	1.22E-11	1.40E-12	3.67F-11	4.75E-08	6.46E-15	2 3KF-12	2.14E-12	1.50E-08	2.52E-13	1.52E-11	6.07E-11	6.07E-11	1 225-11	1.22E-10	1.22E-10	1.22E-11	4.75E-14	Z 02E.16	1.50E-11	2.39E-13	1.37E-11	7.55E-12 7.72E-12	5.90E-08 1.19E-13
	18-Jun-91 14:11:47							prthalate			-		e e				ne	2	ine		nitile amine				thracene					o			o)	/drazine
CASE		NICS Acetonitrile Aldrin	ine	Benzal dehyde	Benzofuran	Benzonitrile	Benzothiazole	bis(z-etnyinexyi)phthalate	4-Chloroaniline	4-Chlorobiphenyl	4,4-Chlorobipheny	Dibenzofuran	2-Dichloroethane	Hexach Lorobenzene	ızine	ine	Methyl ethyl ketone	4-Methylphenol	Monomethyl hydrazine	Naphthalene	maphichatene carbonitri n-Nitrosodimethylamine PAHs	Acenaphthalene	Acenaphthene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Prienantrirene	hion	Pentachlorobenzene	: ــ	line	retrachlorobenzene Trichlorobenzene	Unsym. dimethyl hydrazine Vapona
B BASE	o de la companya de l	OKGANICS Aceton Aldrin	Aniline	Benzalde	Benzo	Benzo	Benzo	5)SIS	4-ch	4-ch1	Chlor	Diben	1,2-Dichl	Hexac	Hydrazine	Lindane Malathion	Methy	4-Met	Monom	Napht	n-Nit PAHs	Ac	Ac Po	35	Di	<u>.</u>	<u>.</u>	2 2	Parathion	Penta	Pheno	Quinoline	Trich	Unsym. Vapona
118 119 120	128 128 128 128 128 128 128 128 128 128	132	133	135	136	138	139	140	145	143	144	146	147 748	149	150	157	153	154	155	157	158	160	161	163	164	165	166	168	169	170	171	25	174	175

-	8	ပ	BJ	BK	8	BW
7	BASE CASE		TABLE 15			
177						
178	INORGANICS					
179			1.61E-09	2.07E-14	1.63E-09	2.10E-1
180	Cadmium		9.32E-12	1.20E-16	9.45E-12	1.22E-16
181			6.03E-11	7.78E-16	6.11E-11	7.89E-1
182						
183						
184						
185						
186						
187						
188			0.2 \$	0.2 Soil/dust ingestion rate (g/day)	stion rate (g	/day)
189			15.5 8	ody weight (Ke	(8	
190			365 d	NS/VF		
191			365000 a	365000 q/Ka*dav/vr		
192			•			
193			EDI = Csoil*SIR*EF/BW/CF	*EF/BW/CF		

	4TED 17 17 (Gay	7.06e-15 7.06e-15 8.80e-16 8.80e-16 8.80e-16 8.80e-16 8.80e-17 8.26e-19 8.86e-19 8.80e-17 1.77e-17 1.77e-16 1.77e-17 1.77e-16 8.80e-17 1.77e-17 1.77e-16 1.97e-17 1.77e-16 1.97e-17 1.77e-16 1.97e-17 1.07e-17 1.07e-17 1.07e-17
8	EDI EDI ESTIMATED DAILY INTAKE mg/Kg/day	2.06 m. 1.06 m
B	C SOIL CALCULATED EST CONC IN D SOIL IN mg/' mg/Kg	4.94E-09 7.68E-15 6.26E-16 6.26E-16 6.26E-16 7.72E-16 7.52E-16 7.52E-16 7.52E-17 7.52E-17 7.97E-10 7.57E-10 7.57E-10 7.57E-10 7.57E-10 7.57E-10 7.57E-10 7.57E-11 7.97E-11 7.97E-11 7.97E-11 7.97E-11 7.97E-11 7.97E-11 7.97E-11 7.97E-11 7.97E-11 7.97E-11 7.97E-11 7.97E-11 7.97E-11 7.97E-11 7.97E-11
BP N ADULT	GE EDI ESTIMATED DAILY INTAKE mg/Kg/day	6.96E-15 3.91E-16 8.57E-16 8.75E-16 8.75E-16 8.75E-16 8.75E-17 9.75E-17 1.98E-17 1.76E-17
BO BP TABLE 16 SOIL INGESTION ADULT	C SOIL CALCULATED R CONC IN SOIL .1M ING/K9	4.87E-09 7.57E-10 7.57E-10 7.57E-10 6.07E-10 6.07E-10 7.55E-10
	18-Jun-91 14:11:47	e d e te hexyl)phthalate line henyl iphenyl e noethane enzene ol nydrazine carbonitrile nethylamine nalene ene ene o, h)anthracene ene ene ene ene ene ene ene ene ene
CASE		rill hydrau and a control of the con
BASE (Acceptifie Action Aniline Atrazine Benzaldehyd Benzaldehyd Benzolitril Benzolitril Benzolitril Benzolitril Benzolitril Bis(2-ethyl Carbazole 4-Chlorobip 4,4-Chlorobip 4,4-Chlorobip Hydrazine Lindane Malathion Hexachlorobip Hydrazine Lindane Malathion Homomethyl Achethyl ethyl Maphthalene Monomethyl Naphthalene Naphthalene Naphthalene Parathion Pyrene Phenanthr Fluorenth
118 120 121	252 252 253 253 253 253 253 253 253 253	133 133 133 133 133 133 133 133 133 133

88	2.33E-15 1.35E-17 8.74E-17	
80	1.63E-09 9.45E-12 6.11E-11	rate (g/day)
ВР	2.30E-15 1.33E-17 8.61E-17	0.1 Soil ingestion rate (g/day) 70 Body weight (Kg) 365 days/yr 365000 g/Kg*day/yr Csoil*SIR*EF/BW/CF
BO TABLE 16	1.61E-09 9.52E-12 6.03E-11	0.1 Soil ingest 70 Body weight 365 days/yr 365000 g/Kg*day/yr EDI = Csoil*SIR*EF/BW/CF
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B BASE CASE	INORGANICS Arsenic Cadmium Mercury	
1118	177 177 182 182 183 184 185 185	188 190 192 193

TABLE 17 CONTAMINANT CONCENTRATION IN G CONTAMINANT CONCENTRATION IN G TABLE 17 CONTAMINANT CONCENTRATION IN G SOIL TABLE 17 CONTAMINANT CONCENTRATION IN G C soil 14:11:47 CALCULATED CALCULATED PLAN 15:01L 2.37E 0 2.40E 09 3.67E 15 3.67E 17 3.66E 17 3.66E 17 3.01E 17	±	CU AVERAGE MAXIMUM AVERAGE MAXIMUM COLCULATED CALCULATED CONC. IN CONC. IN GRAIN mg/Kg mg/Kg	1.45E-07 1.47E-07 7.29E-18 7.29E-18 7.29E-19 3.29E-19 3.29E-13 3.2	
C TABLE 17 CONTAMINANT CONTAMINANT CONTAMINANT CALCULATED C SOIL C SOIL CONTAMINANT CALCULATED CONC IN SOIL CONC CONC CONC CONC CONC CONC CONC CON	BASE CASE CONTAMINANT C Soil 18-Jun-91 AVERAGE 14:11:47 CALCULATED CONCIN ACCOUNTED CONCIN SOIL 2.07 ACCOUNTED ACCOUNTED CONCIN ACCOUNTED CONCIN CON	F IN GRAIN	PUF PLANT UPTAKE FACTOR	
C soil C soil 18-Jun-91 AVERAGE 14:11:47 CALCULATED CONTAMINANT CO	BASE CASE CONTAMINANT C Soil 18-Jun-91 AVERAGE 14:11:47 CALCULATED CONC IN SOIL 2.07 Aldrin Antrazine Benzoir dran Benzoir file CATE-10 CAE-14 Achiorobiphenyl C AGE-12 Achiorobiphenyl C AGE-13 Achiorobiphenyl C AGE-13 Achiorobiphenyl C AGE-14 Achiorobiphenyl C AGE-14 Achiorobiphenyl C AGE-14 Achiorophylene C AGE-14 AGE	E CONCENTRATION	C SOIL MAXIMUM CALCULATED CONC IN SOIL . 2M mg/Kg	
18-Jun-91 18-Jun-91 18-Jun-91 14:11:47 14:11:47 14:11:47 14:11:47 14:11:47 14:11:47 14:11:47 14:11:47 14:11:47 14:11:47 14:11:47 14:11:47 14:11:47 14:11:47 15:16 16:16	BASE CASE BASE CASE 18-Jun-91 Action Actonitrile Aldrin Aniline Atrazine Benzoldehyde Benzoldehyde Benzoltinal Benzoltinal Benzoltinal Benzoltinal Benzoltinal Benzoltinal Benzoltinal Benzoltinal Carbazole Bis(2-ethylhexyl)phthalate Carbazole Bis(2-ethylhexyl)phthalate Carbazole Bis(2-ethylhexyl)phthalate Carbazole Bis(2-ethylhexyl)phthalate Carbazole Bis(2-ethylhexyl)phthalate Carbazole Bis(2-ethylhexyl)phthalate A-Chlorobiphenyl 4,4-Chlorobiphenyl 4,4-Chlorobiphenyl Hydrazine Lindan Bis(2-ethylhexyl)phthalate Carbazole Hydrazine Lindan Malathion Hexachlorobenzene Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Fluoranthene Fluoranthene Fluoranthene Pyrene	D 17 INANT	C soil AVERAGE CALCULATED CONC IN SOIL .2M mg/Kg	2.37E - 09 8.22E - 13 53.67E - 15 2.95E - 11 2.95E - 13 2.95E - 13 2.95E - 14 2.95E - 14 2.95E - 15 2.95E - 16 2.95E - 17 2.95E - 16 2.95E - 17 2.96E - 16 2.96E - 17
ANICS Acetonitrile Aldrin Aniline Atrazine Benzolduran Benzolduran Benzolthiazole Benzothiazole Benzothiazole Grioroethan Benzothiazole A.4-Chlorobiphenyl Carbazole 4-Chlorobiphenyl A.4-Chlorobiphenyl A.6-Chlorobiphenyl A.6-Chlorobiphenyl A.7-Dichloroetha Dieldrin Hydrazine Lindane Dibenzofuran I,2-Dichloroetha Dieldrin Mathyl ethyl ket A-Chlorobiphenyl Monomethyl hydra Malathion Methyl ethyl ket Fluoranthalene Acenaphthalene Acenaphthalene Acenaphthalene Acenaphthalen Benzo(a)pyren Chrysene Dibenzo(a,h)a Fluoranthene Fluoranthene Phenanthrene Phenauthion Phenol	8 Again and the state of the st	ů	18-Jun-91 14:11:47	trile trile lehyde lehyde trile inazole trile inazole coniline coniline coniline coniline coniline coniline coniline conobiphenyl furan hloroethane n corobenzene aphthalene sodimethylamine sodimethylamine sodimethylamine aphthalene sodimethylamine sodimethylamine sodimethylamine aphthalene sodimethylamine

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203			TABLE 17	ı		,	•
262							
263	Arsenic		7.80E-10	7.92E-10	3.30E-03	2.57F-12	2.61F-1
564			4.52E-12	4.59E-12	1.00E-01	4.52F-13	4.50F-13
265			2.93E-11	2.97F-11	2 00F-01	5 85E-12	5 0/E-1
266						1	7.
267							
268			Cgrain = Csoil*RU	*RUF			

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CONTAMINA	C soil 18-Jun-91 AVERAGE 14:11:47 CALCULATED CONC IN SOIL .2M mg/Kg	Actonitrile Actonitrile Aldrin Aniline Atrazine Benzaldehyde Benzaldehyde Benzaldehyde Benzaldehyde Benzaldehyde Benzaldehyde Benzaldehyde Benzaldehyde Benzaldehyde Benzolitrile Benzolitrile Benzolitrile Benzolitrile Benzolitrile Benzolitrile Carbazole Benzolitrile A-Chlorobiphenyl A-Chlorobenzene B-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C-C
CONTAMINANT CONCENTRATION IN	C SOIL E MAXIMUM ED CALCULATED CONC IN SOIL .2M mg/Kg	2.40e-09 2.40e-09 3.73e-16 1.35e-16 1.35e-16 1.35e-16 1.35e-16 1.35e-16 1.35e-16 1.35e-17 1.35e-16 1.35e-17 1.36e-17
IN HAY mg/Kg	D DRY DEPOSITION RATE 9/MZ/yr	5.76 1.77 1.58 1.75 1.58 1.66
	PUF PLANT UPTAKE FACTOR	6.13E+01 1.99E+00 1.10E+01 3.20E+00 5.39E+00 6.48E+00 5.36E+00 5.36E+00 6.61E+01 6.51E+01 7.38E+00 7.38E+03 7.44E-01 7.38E-02 7.38E-03 7.3
	Cu AVERAGE CONC. DUE TO UPTAKE mg/Kg	7.25E - 09 3.22E - 13 3.22E - 10 3.62E - 13
	Cu MAXIMUM CONC. DUE TO UPTAKE mg/Kg	7.47E - 07 7.40E - 18 7.50E - 13
	CS AVERAGE CONC. ON PLANT SURFACE mg/Kg	2.25 2.20
	CS MAXIMUM CONC. ON PLANT SURFACE mg/Kg	7.566
	C hay AVERAGE CALCULATED CONC IN HAY mg/Kg	2.09E-16 2.37E-16 2.37E-16 2.37E-16 2.36E-17 2.36E-17 2.36E-17 3.37E-17 3.3
	C hay MAXIMUM CALCULATED GONC IN HAY mg/Kg	1.52E-07 1.83E-09 2.48E-12 4.48E-10 4.4

œ	122		
	1.99E-10 2.74E-12 8.34E-12		
Œ	1.50E-09 8.70E-12 5.62E-11		£
۵.	4.29E-11 2.48E-13 1.61E-12	//Kg	tion*mgg/secy
0	1.58E-10 2.52E-12 6.83E-12	6.35E-01 r hay 5.78E-07 k hay, 1/s 2.72E+06 t hay, s 3.50E-01 Y hay, Kg/M2 2.49E+06 SDF hay, sec*mg/Kg 3.15E+07 sec/yr 1.00E+03 mg/g	-kt SDF = r*(1-e) Y*k Cs = SDF*Deposition*mgg/secyr Cu = RUF*Csoil C hay = Cs+Cu
z	1.56E-10 2.49E-12 6.73E-12	6.35E-01 K 5.78E-07 K 2.72E+06 t 3.50E-01 Y 2.49E+06 SD 3.15E+07 se	8 3 73
Σ	2.00E-01 5.50E-01 2.30E-01		
٠	1.90E-11 1.10E-13 7.12E-13		
¥	7.92E-10 4.59E-12 2.97E-11		
J TABLE 18	7.80E-10 4.52E-12 2.93E-11		
U			
DZ B BASE CASE 32 INORGANICS	Arsenic 54 Cadmium 55 Mercury	265 268 270 271 272 273 273	

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		TABLE 19 CONTAMINANT CONCENTRATION		IN CORN SILAGE	/Bill	ı					A C
-	18-Jun-91 14:11:47	C soil AVERAGE CALCULATED CONC IN SOIL .2M mg/Kg	C soil MAXIMUM CALCULATED CONC IN SOIL .2M mg/Kg	D DRY DEPOSITION RATE g/M2/yr	PUF PLANT UPTAKE FACTOR	Cu AVERAGE CONC.DUE TO UPTAKE mg/Kg	CU MAXIMUM CONC. DUE TO UPTAKE mg/Kg	CS AVERAGE CONC. ON PLANT SURFACE mg/Kg	CS MAXIMUM CONC. ON PLANT SURFACE mg/Kg	C corn AVERAGE CALCULATED CONC IN CORN SILAGE mg/Kg	C COLN MAXIMUM CALCULATED CONC IN CORN SILAGE mg/Kg
Acetonitrile Aldrin Aniline Atrazine Berzaldehyde Benzoldran Benzothiazole Bis(2-ethylhexyl)phthalate Carbazole 4-Chlorobiphenyl 4,4-Chlorobiphenyl Chlorobiphenyl Chlorobenzene Naphthalene Naphthalene Chrysene Benzo(a pyrene Chrysene Dibenzo(a pyrene Chrysene Phenanthrene Pyrene Pyr	halate rile rene rene	2.378-9 8.228-10 6.478-10 6.478-10 1.338-10 1.338-11 1.338-11 1.338-12 1.338-12 1.338-12 1.338-12 1.338-13 1.338-12 1.348-13 1.148-12 1.148-13 1.148-1	2.40E-09 3.73E-10 3.73E-10 3.73E-10 3.01E-11 2.99E-11 1.35E-10 5.00E-12	5.76E-17 2.26E-17 7.22E-12 3.24E-12 7.22E-13 3.26E-15 7.22E-13 3.26E-15 7.22E-	6.13E+01 1.99E+03 1.17E+01 1.09E+00 3.39E+00 2.66E+00 3.36E+00 5.66E+00 5.66E+00 5.66E+00 5.26E+00 5.26E+00 5.26E+00 5.26E+00 7.32E+00 1.59E+01 7.35E+01 7.36E+01 7.3	1,45E-07 1,56E-09 8,92E-13 3,27E-10 9,50E-11 9,50E-11 3,14E-09 1,05E-14 1,05E-14 1,05E-14 1,05E-14 1,05E-14 1,01E-12 1,01E-13 1,0	1.47E-07 7.40E-18 3.31E-09 9.65E-13 9.65E-10 9.65E-10 9.65E-10 9.65E-10 9.65E-10 1.07E-14 1.07E-14 1.07E-14 1.07E-15 1.07E-	2.221-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	7.72E- 4.34E-11- 2.68E-13- 1.98E-11- 9.66E-13- 5.31E-14- 6.12E-14- 6.12E-14- 6.12E-14- 7.51E-09- 1.93E-15- 7.51E-09- 1.93E-15- 1.93E-17-	1.45E-07 1.56E-09 3.27E-10 3.27E-11 4.27E-11 4.27E-12 6.38E-12 6.38E-12 6.38E-12 6.38E-12 6.38E-12 6.38E-12 6.38E-12 6.38E-12 6.38E-12 6.38E-12 6.38E-12 6.38E-12 6.38E-12 6.38E-12 6.38E-12 6.38E-12 6.38E-12 6.38E-13 6.38E-	1.48E-07 1.62E-09 1.17E-12 3.51E-10 3.39E-10 1.08E-12 1.08E-12 2.38E-12 2.38E-12 2.38E-12 3.36E-13 3.36E-13 3.36E-13 3.36E-14 4.35E-14 1.58E-11 1.58E-12 1.58E-13 1.5

B BASE CASE	3 Arsenic 4 Cadmium 5 Mercury		
U TABLE 19	7.80E-10 4.52E-12 2.93E-11		
>	7.92E-10 4.59E-12 2.97E-11		
3	1.90E-11 1.10E-13 7.12E-13	4.40E-01 r corn 5.78E-07 k corn 1.12E+07 t corn 1.80E+00 Y corn 4.22E+05 SDF col 3.15E+07 sec/yr	1.00E+03 mg/9 SDF = CS = Cu = C
×	2.30E-01 1.50E-01 2.20E-02	4.40E-01 r corn 5.78E-07 k corn, 1/s 1.12E+07 t corn, s 1.80E+00 Y corn, Kg/M2 4.22E+05 SDF corn, sec/mg/Kg 3.15E+07 sec/yr	mg/9 -kt SDF = r*(1-e) Y*k Cs = SDF*Depositi Cu = RUF*Csoil C corn = Cs+Cu
>	1.79E-10 6.79E-13 6.44E-13	ng/Kg	mg/g -kt SDF = r*(1-e) Y*k Cs = SDF*Deposition*mgg/secyr Cu = RUF*Csoil C corn = Cs+Cu
2	1.82E-10 6.88E-13 6.53E-13		Ĺ.
AA	7.27E-12 4.22E-14 2.73E-13		
AB	2.55E-10 1.48E-12 9.55E-12		
AC	1.87E-10 7.21E-13 9.16E-13		
AD	4.37E-10 2.16E-12 1.02E-11		

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HYDRAZINE WASTESTREAM 18-Jun-91
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AO	C grass MAXIMUM CALCULATED CONC IN GRASS MG/KG	3.24E - 07 3.28E - 07 4.44E - 09 5.21E - 12 6.08E - 12
AN	C grass AVERAGE CALCULATED CONC IN GRASS mg/Kg	2.99E-07 2.05E-16 2.05E-16 2.05E-16 2.05E-16 2.05E-16 2.05E-16 2.05E-16 2.05E-16 2.05E-17 2.05E-16 2.05E-17 3.46E-12 3.56E-05 3.56E-
АМ	CS MAXIMUM CONC. ON PLANT SURFACE mg/Kg	2.11e-08 3.28E-14 7.34E-12 2.65E-10 2.65E-10 2.65E-10 2.65E-10 2.65E-10 1.16E-12 1.16E-12 1.16E-12 1.16E-12 1.16E-12 1.16E-12 1.16E-12 1.16E-12 1.16E-12 1.16E-12 1.16E-12 1.16E-12 1.16E-12 1.16E-12 1.16E-12 1.16E-12 1.16E-12 1.16E-12 1.16E-12 1.16E-13 1.16E-13 1.16E-13 1.16E-13 1.16E-13 1.16E-13 1.16E-13 1.16E-13 1.16E-13 1.16E-13 1.16E-13 1.16E-13 1.16E-13 1.16E-13 1.16E-13
AL	CS AVERAGE CONC. ON PLANT SURFACE mg/Kg	6.04E-10 9.38E-16 3.40E-11 7.55E-11 7.55E-11 7.55E-11 7.55E-11 7.55E-12
AK	Cu MAXIMUM CONC.DUE TO UPTAKE mg/Kg	3.03E - 07 3.25E - 07 3.25E - 07 4.35E - 17 4.97E - 10 6.35E - 09 7.67E - 12 7.67E - 13
AJ	Cu AVERAGE CONC.DUE TO UPTAKE mg/Kg	2.99E - 07 3.20E - 07 4.50E - 17 4.50E - 10
ΑΙ	PUF PLANT UPTAKE FACTOR	6.13E+01 1.09E+03 1.17E+01 1.09E+00 5.39E+00 3.20E+00 3.20E+00 3.36E+00 3.36E+00 3.36E+00 5.60E+00 5.60E+00 5.60E+00 5.60E+00 5.32E+00 1.59E+00 1.59E+00 1.59E+00 1.70E-01 4.44E-01 4.44E-01 4.44E-01 7.35E-03 1.71E-02 6.61E-03 5.56E+03 6.61E-03 5.56E+03 6.61E-03 6.61E-03 6.61E-03 6.61E-03 6.61E-03 6.61E-03 6.61E-03 8.70E-01 7.35E-03 1.71E-03 8.70E-01 7.35E-03 1.71E-03 8.70E-01 7.35E-03 1.71E-03 8.70E-01 7.35E-03 1.71E-03 8.70E-01 8.70E-01 9.85E-03 1.74E-01
AH N GRASS mg/Kg	D DRY DEPOSITION PI RATE g/MZ/yr	2.60E-16 9.42E-12 2.60E-16 9.42E-12 2.09E-11 1.35E-14 4.78E-14 1.35E-14 4.78E-16 6.59E-16 6.59E-16 6.59E-16 7.35E-16 7.35E-16 7.35E-16 7.35E-17 7.35E-16 7.35E-17
AG CONCENTRATION IN	C soil MAXIMUM CALCULATED CONC IN SOIL .1M mg/Kg	7.68E-19 1.27E-10 6.20E-11 1.35E-09 6.20E-11 1.35E-09 3.77E-13 3.92E-13 1.98E-12 1.24E-11 1.24E-10 1.24E-10 1.24E-10 1.24E-10 1.24E-10 1.24E-10 1.24E-10 1.24E-10 1.25E-11 1.26E-11 1.26E-11 1.26E-11 1.26E-11 1.26E-11 1.26E-11 1.26E-11 1.26E-11 1.26E-11 1.26E-11 1.26E-11 1.26E-11 1.26E-11 1.26E-11 1.26E-11 1.26E-11 1.26E-11 1.26E-11
AF TABLE 20 CONTAMINANT CO	C SOIL AVERAGE CALCULATED CONC IN SOIL .1M mg/Kg	4.87E-09 6.17E-10 6.17E-10 6.17E-10 6.17E-10 7.57E-15 7.68E-13 7.68E-13 7.68E-13 7.56E-11 7.57E-12 7.56E-13 7.56E-14 7.57E-10
-0	18-Jun-91 14:11:47	e le
ASE		it hyd or an initial the hyd or an or an or
B BASE CASE		Acetonitrile Aldrin Aniline Atrazine Benzaldehyde Benzothiazole Benzothiazole Benzothiazole Bis(2-ethylub Carbacole 4-Chloroship 4,4-Chlorobip 4,4-Chlorobip 1,2-Dichloro Dieldrin Hexachlorobe Hydrazine Lindane Malathion Methyl ethyl 4-Methylphem Monomethyl hy Naphthalene Cindane Maphthalene Maphthal
202 203 204 205	204 204 212 213 213 214 215 215 215 215 215 215 215 215 215 215	

AO	6.99E-09 4.56E-11 2.98E-10				
AN	2.20E-10 6.28E-12 4.30E-11				
АМ	6.976-09 4.04E-11 2.61E-10				
AL	1.99E-10 1.15E-12 7.47E-12	トオヤ	: 3 3		
AK	2.12E-11 5.20E-12 3.61E-11	>	ng/kg SDF secyr mgg		£
Ϋ́	2.09E-11 5.13E-12 3.56E-11	grass, 1/s grass, s grass, s		•	<pre>Cs = SDF*Deposition*mgg/secyr Cu = RUF*Csoil C grass = Cs+Cu</pre>
AI	1.30E-02 5.50E-01 5.90E-01	6.71E-02 r grass, 1/s 5.78E-07 k grass, 1/s 3.02E+06 t grass, 2, 2, 11E-02 v grass, 2	3.97E+06 SDF gr 3.15E+07 Sec/yr 1.00E+03 mg/g	-kt SDF = r*(1-e Y*k	Cs = SDF*Deposi Cu = RUF*Csoil C grass = Cs+Cu
AH	5.53E-11 3.20E-13 2.07E-12			18	ပ်ပ်ပ
AG	1.63E-09 9.45E-12 6.11E-11				
AF TABLE 20	1.61E-09 9.32E-12 6.03E-11				
U					
BASE CASE	Arsenic 4 Cadmium 5 Mercury				
202 B 203 262 TM	564 264 265 265 264	269 269 269 269	272 273 273	275 276 277	279 280 281

BASE CASE	18-Jun-91 14:11:47	ORGANICS	Acetonitrile	Aldrin	America	Atrazine Renzeldehvde	Benzofuran	Benzoic Acid	Benzonitrile	Benzothiazole	Bis(2-ethylhexyl)phthalate	Carbazole	4-Chloroaniline	4-circordolphenyt	Chloroethane	Dibenzofuran	1,2-Dichloroethane	Dieldrin	Hexachlorobenzene	Hydrazine	Malathion	Methyl ethyl ketone	4-Methylphenol	Monomethy! hydrazine	Naphthalene	Naphthalene carbonitrile	n-Nitrosodimetnylamine PAHs	Acenaphthalene	Acenaphthene	Benzo(a)pyrene	Chrysene Diborace bloothaceas	Finoranthene	Fluorene	Phenanthrene	Pyrene	Parathion	Pentachlorobenzene	Phenol	Quinoline Totrachlancharana	Trichlorobenzene	Unsym dimethyl hydrazine
AQ TABLE 21 MILK INGESTION	C diet AVERAGE CALCULATED CONC IN DIET (milk)		1.30E-07	4.79E-17	1.40E-09	8.12E-13	2 05E-10	8.58E-11	2.83E-09	6.63E-13	1.88E-15	5.90E-13	2.32E-13	7 005 14	3 23F-11	9.11E-13	3.31E-12	1.36E-16	6.20E-13	4.93E-05	1.5/E-15 6 02E-15	2 83E-11	2.73E-12	1.55E-05	5.03E-14	.66E	6.41E-10	4.83E-12	5.83E-12	1.06E-12	1.57E-13	2 615-12	6.63F-13	2.06E-15	5.43E-12	3.336-15	3.69E-13	5.80E-13	1.56E-11	4 21E-12	2 54E-05
AR - AVERAGE	DUFM DIET UPTAKE MILK Unitless																																								
AS	TC TRANSFER COEFFICIENT MILK Day/Kg		3.72E-09	2.04E-01	6.46E-08	3.89E-06	Z 90E-04	6 D3F-07	2.95E-07	8.32E-07	4.37E+00	1.58E-05	5.50E-07	6.46E-04	3.09E-03	1.07F-04	2.45E-07	1.29E-02	2.40E-03	6.76E-12	1.62E-05	1 785-00	7 DRE-07	6.76E-12	1.82E-05	1.82E-05	1.70E-09	9.55F-05	6.76E-05	2.14E-02	5.01E-03	4.5/E-02	1 055-05	3 02F-04	1.23F-03	5.25E-05	9.77E-04	2.34E-07	8.71E-07	1.91E-04	Z 00E-11
AT	C milk AVERAGE CALCULATED CONC IN MILK mg/Kg		1.09E-14	2.19E-16	2.03E-15	7.09E-17	1.02E-13	1 16F-15	1.87F-14	1.24E-17	1-84E-13	2.10E-16	2.87E-18	1.68E-16	2.0/E-1/	2 19F-15	1.82E-17	3.92E-17	3.346-14	7.48E-15	5.00E-19	9.82E-19	7.405-10	2.36E-15	2.05E-17	1.09E-13	2.45E-17	1.04F-14	8.84E-15	5.07E-13	1.77E-14	5.8/E-15	2 ODE-15	1 40F-17	1 50F-13	3.92E-18	8.10E-15	3.05E-18	3.05E-16	1.73E-15	1 765-16
AU	C milkfat AVERAGE CALCULATED CONC IN MILK FAT mg/Kg																																								
AV	EDI ADULT AVERAGE ESTIMATED DAILY INTAKE mg/Kg/day		2.37E-18	4.78E-20	4-43E-19	1.54E-20	3.34E-19	2 535-10	4.08F-18	2.70E-21	4.02E-17	4.58E-20	6.24E-22	3.65E-20	4.50E-21	3.90E-20 4 77E-10	3.97E-21	8.55E-21	7.27E-18	1.63E-18	1.09E-22	2. 14E-22	0 475-21	5-14E-19	4.47E-21	2.37E-17	5.33E-21	2 26F-18	1,936-18	1,10E-16	3.85E-18	1.28E-16	1.72E-17	3 05E-21	3 27F-17	8.54E-22	1.77E-18	6.65E-22	6.63E-20	3.77E-19	2 9/1 19
AM	EDI CHILD AVERAGE ESTIMATED DAILY INTAKE mg/Kg/day		1.37E-1	2.76E-1	2.56E-1	8.92E-2	Z 47F 1	1 46F-1	2.36F-1	1.56E-2	2.32E-10	2.64E-1	3.61E-2	2.11E-19	2.60E-20	2 76E-18	2.29E-2(4.94E-20	4.20E-17	9.42E-18	6.29E-22	1 195-20	7 /7E-20	2.97E-18	2.58E-20	1.37E-16	3.08E-20	1 30F-17	1.11E-17	6.38E-16	2.23E-17	7.58E-16	7.74E-17	1 76F-20	1 80F-16	4.93E-21	1.02E-17	3.84E-21	3.83E-19	7 37r 40	2 225-17

ADULT CHILD 0.55 0.17	BASE CASE NORGANICS Arsenic	AQ TABLE 21 6.89E-11	AR	AS 6.00E-03	AT 9.28E-12	AU	AV 2.02E-15	AM 1.1
CHILD DAILY INTAKE OF GRAIN % of TOTAL DAILY INTAKE OF HAY % of TOTAL DAILY INTAKE OF HAY % of TOTAL DAILY INTAKE OF GRASS % of TOTAL DAILY INTAKE OF CORN SILAGE % of TOTAL SOIL INGESTION % of GRASS INTAKE TOTAL FEED INTAKE KG/GAS O.39 CONSUMPTION RATE OF MILK PER DAY KG/GAY O.016 CONSUMPTION RATE OF MILK FAT PER DAY KG/GAY CR. 0.05 FRACTION OF MILK CONSUMED FROM RURAL SOURCE. HG 15.5 BODY WEIGHT KG	cury	8.54E-15 4.84E-12		1.00E-03	1.92E-14 4.89E-14		4.18E-18 1.06E-17	6.15E-17
DAILY INTAKE OF GRAIN % of TOTAL DAILY INTAKE OF HAY % of TOTAL DAILY INTAKE OF GRASS % of TOTAL DAILY INTAKE OF GRASS % of TOTAL SOIL INGESTION % of GRASS INTAKE TOTAL FEED INTAKE Kg/day 0.39 CONSUMPTION RATE OF MILK PER DAY Kg/day 0.016 CONSUMPTION RATE OF MILK FAT PER DAY Kg/day 0.05 FRACTION OF MILK CONSUMED FROM RURAL SOURCE. 15.5 BODY WEIGHT Kg		ADULT						
DAILY INTAKE OF HAY % of TOTAL DAILY INTAKE OF GRASS % of TOTAL DAILY INTAKE OF CORN SILAGE % of TOTAL SOIL INGESTION % of GRASS INTAKE SOIL INGESTION % of GRASS INTAKE 1 TOTAL FEED INTAKE KG/GAS 0.39 CONSUMPTION RATE OF MILK PER DAY KG/GAY 0.016 CONSUMPTION RATE OF MILK FAT PER DAY KG/GAY 0.05 FRACTION OF MILK CONSUMED FROM RURAL SOURCE. HG 15.5 BODY WEIGHT KG		0.55	DAI	LY INTAKE OF	GRAIN % of	TOTAL	۵	I grair
DAILY INTAKE OF GRASS % of TOTAL DAILY INTAKE OF CORN SILAGE % of TOTAL SOIL INGESTION % of GRASS INTAKE TOTAL FEED INTAKE KG/day 0.39 CONSUMPTION RATE OF MILK PER DAY KG/day CAR 0.016 CONSUMPTION RATE OF MILK FAT PER DAY KG/day CRI 0.05 FRACTION OF MILK CONSUMED FROM RURAL SOURCE. HG 15.5 BODY WEIGHT KG		0.175	DAI	LY INTAKE OF	HAY % of TOT	AL	۵	I hay
DAILY INTAKE OF CORN SILAGE % of TOTAL SOIL INGESTION % of GRASS INTAKE TOTAL FEED INTAKE KGYGAY 0.39 CONSUMPTION RATE OF MILK PER DAY KGYGAY C.016 CONSUMPTION RATE OF MILK FAT PER DAY KG/GAY CRC 0.05 FRACTION OF MILK CONSUMED FROM RURAL SOURCE. HG 15.5 BODY WEIGHT KG		0	DAI	LY INTAKE OF	GRASS % of T	OTAL		I grass
SOIL INGESTION % OF GRASS INTAKE TOTAL FEED INTAKE Kg/day 0.39 CONSUMPTION RATE OF MILK PER DAY Kg/day 0.016 CONSUMPTION RATE OF MILK FAT PER DAY Kg/day 0.05 FRACTION OF MILK CONSUMED FROM RURAL SOURCE. 15.5 BODY WEIGHT Kg		0.175	DAI	LY INTAKE OF	CORN SILAGE	% of TOTAL	O	Corn
TOTAL FEED INTAKE Kg/day 0.39 CONSUMPTION RATE OF MILK PER DAY Kg/day 0.016 CONSUMPTION RATE OF MILK FAT PER DAY Kg/day 0.05 FRACTION OF MILK CONSUMED FROM RURAL SOURCE. 15.5 BODY WEIGHT Kg		0.05	108	L INGESTION	% OF GRASS IN	TAKE	S	
0.39 CONSUMPTION RATE OF MILK PER DAY Kg/day 0.016 CONSUMPTION RATE OF MILK FAT PER DAY Kg/day 0.05 FRACTION OF MILK CONSUMED FROM RURAL SOURCE. 15.5 BODY WEIGHT Kg		22.45	TOT	AL FEED INTA	KE Kg/day		-	
0.016 CONSUMPTION RATE OF MILK FAT PER DAY Kg/day 0.05 FRACTION OF MILK CONSUMED FROM RURAL SOURCE. 15.5 BODY WEIGHT Kg		0.305		SUMPTION RAT	E OF MILK PER	DAY Kg/day	5	Sm Sm
0.05 FRACTION OF MILK CONSUMED FROM RURAL SOURCE. 15.5 BODY WEIGHT Kg		0.011		SUMPTION RAT	E OF MILK FAT	PER DAY Kg/		Rmf
BODY WEIGHT Kg		0.05		CTION OF MIL	K CONSUMED FR	OM RURAL SOUR	. •	en
		0.2		Y WEIGHT Kg			3	

BASE CASE C TA	18-Jun-91 14:11:47 C	ORGANICS	Acetonitrile	Aniline	Atrazine	Benzaldehyde	Benzoic Acid	Benzonitrile		Bis(2-ethylhexyl)phthalate	Carbazole	4-Chlorobiohenvi	4,4-Chlorobiphenyl	Chloroethane	Dibenzofuran	l,Z-Ulchloroethane Dieldrin	Hexachlorobenzene	Hydrazine	Lindane	Malathion Wothy! other Cotons	Methylphenol	Monomethyl hydrazine		Naphthalene carbonitrile	n-Nitrosodimethylamine PAHs	Acenaphthalene	Acenaphthene	senzo(a)pyrene	Dibenzo(a.h)anthracene	Fluoranthene	Fluorene	Phenanthrene	Pyrene Parathion	Pentachlorobenzene	Phenol	Quinoline	retrachiopopana Trichlopopana	Unsym. dimethyl hydrazine
AY AZ TABLE 22 MILK INGESTION - MAXIMUM	C diet DUFM MAXIMUM DIET CALCULATED UPTAKE CONC IN MILK DIET Unitless (milk)		1.33E-07	1.45E-15	1.14E-12	3.22E-10	4.12E-10	3.12E-09	7.78E-13	6.41E-14	1.11E-12 2 4Er 42	8 365-12	3.91E-15	3.53E-11	3.18E-12	3.62E-12 2.71E-15	7.44E-12	5.00E-05	2.59E-15	1.06E-14	2.71E-11	1.58E-05	9.78E-14	5.17E-10	6.54E-10	1.62E-11	1.72E-11	2.5/E-11	2 36F-11	2.52E-11	2.93E-12	1.09E-14	5.0/E-11 8 97E-15	3.15E-12	6.33E-13	1.83E-11	1./E-12	2.58F-05
ВА	TRANSFER TRANSFER CE COEFFICIENT MILK MILK SSS Day/Kg		3.72E-09	2.046-01	3.89E-06	2.45E-07	3.80E-06	2.95E-07	8.32E-07	4.37E+00	1.586-05	5.50E-U/	3.09E-03	2.51E-07	1.07E-04	2.45E-07	2.40E-03	6.76E-12	1.62E-05	6.31E-06	1.48E-08	6.76E-12	1.82E-05	1.82E-05	1.70E-09	9.55E-05	6.76E-05	2.14E-02	2.01E-US	1.35E-03	1.95E-04	3.02E-04	1.23E-03 5.25E-05	9.77E-04	2.34E-07	8.71E-07	7.27F-04	3 NOE-11
88	C milk C m MAXIMUM MA CALCULATED CALC CONC IN CO MILK MIL mg/Kg m		1.11E-14	6.66E-15	9.94E-17	1.77E-15	3.52E-14	2.07E-14	1.450-17	6.29E-12	3.94E-16	3.2/E-18	2.71E-16	1.99E-16	7.66E-15	1.99E-17 7.8EE-14	4-01E-13	7.59E-15	9.43E-19	1.50E-18	9.08E-18	2.39E-15	3.99E-17	2.11E-13	2.49E-17	3.46E-14	2.61E-14	1.14E-11	1 36E-13	7.64E-13	1.28E-14	7.38E-17	1.40E-12	6.91E-14	3.33E-18	3.59E-16	1 20E-15	1 705-16
BC	C milkfat MAXIMUM CALCULATED CONC IN MILK FAT mg/Kg																																					
08	EDI ADULT MAXIMUM ESIIMATED DAILY INTAKE mg/Kg/day		2.42E-18	1.45E-18	2.16E-20	3.87E-19	7.66E-18	4.50E-18	3.16E-21	1.37E-15	8.58E-20	7. 14E-42	5.91E-20	4.34E-20	1.67E-18	4.34E-21	8.73E-17	1.65E-18	2.05E-22	3.26E-22	2.11E-21	5.22E-19	8.70E-21	4.60E-17	5.43E-21	7.55E-18	5.68E-18	2.47E-15	2.93E-17	1.67E-16	2.80E-18	1.61E-20	3.05E-16	1.516-17	7.26E-22	7.82E-20	7 00F 10	3 OUE- 18
8	EDI CHILD MAXIMUM ESTIMATED DAILY INTAKE mg/Kg/day		1.40E-	8.37E-1	1.25E-19	2.23E-1	4.42E-1	2.60F-17	1.83E-2	7.91E-1	4.96E-1	4.11E-2	3.41E-1	2.50E-1	9.63E-1	2.51E-2	5.04F-16	9.55E-1	1.19E-2	1.88E-2	1.22E-2	3.01E-18	5.02E-20	2.66E-10	3.13E-2	4.36E-1	3.28E-1	1.43E-1	3-42E-10	9-62E-16	1.61E-17	9.29E-20	1.76E-15	8.69E-17	4.19E-21	4.51E-19	7.55E-18	2 25E-17

	41-0		
B	6.24E-14 7.33E-17 2.04E-16	DI grain DI hay DI grass DI corn SI TI TR CRM CRM	
80	1.08E-14 1.27E-17 3.54E-17		
BC		AAILY INTAKE OF GRAIN % of TOTAL AAILY INTAKE OF HAY % of TOTAL AAILY INTAKE OF GRASS % of TOTAL AAILY INTAKE OF CORN SILAGE % of TOTAL SOIL INGESTION % of GRASS INTAKE TOTAL FEED INTAKE Kg/day CONSUMPTION RATE OF MILK PER DAY Kg/day CONSUMPTION RATE OF MILK FAT PER DAY Kg/day	SI*DI GRASS))
88	4.96E-11 5.82E-14 1.63E-13	F GRAIN % of TC F GRASS % of TC F CORN SILAGE F CORN SILAGE WE Kg/day FE OF MILK FF FE OF MILK FF	GRASS))/(1+(
ВА	6.00E-03 1.00E-03 4.50E-04	DAILY INTAKE OF GRAIN % of TOTAL DAILY INTAKE OF HAY % of TOTAL DAILY INTAKE OF GRASS % of TOTAL DAILY INTAKE OF CORN SILAGE % of TOTAL SOIL INGESTION % of GRASS INTAKE TOTAL FEED INTAKE Kg/day CONSUMPTION RATE OF MILK PER DAY Kg/day FRACTION OF MILK CONSUMED FROM RURAL SOURCE.	<pre>diet = (SUM(C feedx*Dlx)+(C soil*Sl*Dl GRASS))/(1+(Sl*Dl milkfat = DUFm*C diet (dioxins)</pre>
AZ		CHILD D D D D D D D D D D D D D D D D C D D D C D	feedx*DIx) n*C diet (d
AY TABLE 22	3.68E-10 2.59E-12 1.61E-11	ADULT 0.55 0.175 0.175 0.02 22.45 0.305 0.011 0.05	<pre>C diet = (SUM(C feedx*Dlx)+(C soi C milkfat = DUFm*C diet (dioxins)</pre>
ပ			
B BASE CASE INORGANICS	Arsenic Cadmium Mercury		
202 203 262	265 265 265 265 265	264 268 268 272 273 274 275 275 275	273 280 280

BW	6.61E-17 4.55E-19 1.99E-15		DI grain DI hav	I grass	I corn		-	Rb	Rbf	g	 	
BL	2.65E-17 1.83E-19 7.98E-16		66		٥	S	_	ی				1*DI GRASS))
BK			F TOTAL	TOTAL	% of TOTAL	INTAKE		CONSUMPTION RATE OF BEEF PER DAY Kg/day	IT PER DAY Ka/day	FRACTION OF BEEF CONSUMED FROM RURAL SOURCE		C diet = (SUM(C feedx*DIx)+(C soil*SI*DI GRASS))/(1+(SI*DI GRASS))
В	5.54E-13 3.81E-15 1.67E-11		F GRAIN % of TC	F GRASS % of	F CORN SILAGE	% of GRASS 1	AKE Kg/day	TE OF BEEF PE	TE OF BEEF FA	EF CONSUMED F		(C soil*SI*DI
	2.00E-03 5.50E-04 2.50E-01		DAILY INTAKE OF GRAIN % OF TOTAL DAILY INTAKE OF HAY % OF TOTAL	AILY INTAKE O	AILY INTAKE O	SOIL INGESTION % of GRASS INTAKE	FOTAL FEED INTAKE Kg/day	ONSUMPTION RA	ONSUMPTION RA	RACTION OF BEI	BODY WEIGHT Kg	C feedx*DIx)+
В		CHILD		٥	۵	o		0.037			15.5 B	diet = (SUM(
BG TABLE 23	2.13E-11 5.35E-13 5.14E-12	ADULT	0.05	0	0.05	0.02	12.97	0.067	0.015	0.05	20	5
ပ												
B BASE CASE	Arsenic Cadmium Mercury											
	565 264 265 265 265 265 265 265 265 265 265 265	267	268 269	270	27.1	272	273	274	275	276	277	279

BASE CASE TABLE 24 BEEF INGESTION	C diet 18-Jun-91 MAXIMUM 14:11:47 CALCULATED CONC IN DIET (beef)	NICS Acetonitrile 1.33E-07	4.20E-16	Atrazine 9.07E-13 Benzaldehyde 3.05E-10		Benzolc Acid 9.U1E-1 Benzonitrile 2.94E-0	Benzothiazole 7.00E-13 Bis(2-ethylbexyl)nhthalate 1 8/E-1/		4-Chloroaniline 2.43E-13 4-Chlorobiphenvl 3.07F-14	yt		ethane		Hydrazine 5.00E-05		Methyl ethyl ketone 2.88E-11	razine	Naphthalene	ne c	e.			anthracene	Fluoranthene 8.62E-12 Fluorene 1.27E-12	rene	Pyrene 1.75E-11	robenzene	Phenol	robenzene	Trichlorobenzene 5.19E-13 Unsym_dimethyl hydrazine 2.58E-05
BP ION - MAXIMUM	DUFB DIET UPTAKE BEEF Unitless	2	96	· M C		- 0	m×																							
ğ	TC TRANSFER COEFFICIENT BEEF Day/Kg	1.15E-08	32.5	1.20E-05	1.17E-05	1.86E-06	2.57E-06	4.90E-05	1.70E-06	9.55E-03	3.316-04	7.59E-07	7.41E-03	2.09E-11	1.95E-05	4.57E-08	2.19E-06 2.09E-11	5.62E-05	5.25E-09	2.95E-04	2.09E-04	1.55E-02	7.94E-02	4.17E-03	9.33E-04	3.80E-03	3.02E-03	7.24E-07	2.69E-U6 5.89E-04	2.40E-04
BR	C beef MAXIMUM CALCULATED C CONC IN BEEF mg/Kg	1.97E-14	3.43E-15	1.41E-16	5.01E-14	2.18E-15	2.33E-17	4.66E-16	5,36E-18	1.566-16	5.305-10	3.376-17	4.25E-16 2.34E-13	1.36E-14	2.02E-18	1.71E-17	8.17E-17 4.27E-15	4-62E-17	4.43E-17	3.01E-14	2.41E-14	0.04E-12	7.22E-12	4.66E-13	5.35E-17	8.61E-13	1.02E-17	5.64E-18	5.75E-16 5.89E-15	1.61E-15
BS B	C beeffat MAXIMUM CALCULATED CONC IN BEEFFAT mg/Kg																													
18	EDI ADULT MAXIMUM ESTIMATED DAILY INTAKE mg/Kg/day	9.45E-19	1.64E-19	6.77E-21	2.40E-18	1.04E-19	1.12E-21	2.23E-20	2.57E-22	7.45E-21	7.67E-20	1.61E-21	2.02E-20 1.12E-17	6.49E-19	5.52E-23 9.64E-23	8.18E-22	3.91E-21 2.05E-19	2.21E-21	2.12E-21	1.44E-18	1.15E-18	7.28F-18	3,45E-16	2.23E-17	2.566-21	4.12E-17	4.8ye-42 2.08E-18	2.70E-22	2.75E-20 2.82E-19	7.72E-20
80	EDI CHILD MAXIMUM ESTIMATED DAILY INTAKE	2.36E-	4.10E-	1.69E-20	5.98E-	2.60E-7	2.79E-2	5.56E-2	6.40E-2	1.86E-2	4.UTE-2	4.02E-2	2.79E-1	1.62E-1	1.55E-2 2.41E-2	2.04E-2	9.75E-21 5.10E-19	.51E-		3.60E-1	2.87E-1	1.81E-1	8.61E-1	5.56E-1	6.38E-2	1.03E-1	5.18E-1	6.73E-2	6.86E-2	1.93E-19

U	HABLE 24 1.07E-10 1.07E-12 1.04E-12 8.41E-12 8.41E-12 BADULT CHILD DAILY INTAKE OF GRAIN % OF TOTAL DAILY INTAKE OF GRASS % OF TOTAL DAILY INTAKE OF CORN SILAGE % of 0.05 0.05 DAILY INTAKE OF CORN SILAGE % of 0.05 DAILY INTAKE OF CORN SILAGE % of 0.05 DAILY INTAKE OF GRASS INTAKE % OF OOR SILAGE % of 0.05 DAILY INTAKE OF GRASS INTAKE % OF OOR SILAGE % of 0.05 CO.05 CO.0	2.00E-03 2.77E-12 1.25.50E-04 7.39E-15 3 2.50E-04 7.39E-15 3 2.50E-01 2.73E-11 1.15.50E-01 2.73E-11 2.	BT 1.33E-16 3.54E-19 1.31E-15	SSI DDI PER CREPT
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BASE CASE	288 290 291 292 293	ORGANICS	Acetonitrile						Renzonitrile					4	4 C						Lindane																		-	·	Insvii
ပ	18-Jun-91 14:11:47		r.				hyde	an	rile	azole	Bis(2-ethylhexyl)phthalate		aniline	phenyl	,4-thloropiphenyl	Iran	Coroethane	Dieldrin	lexach Lorobenzene	a		Methyl othyl beton	phenoi	Monomethyl hydrazine	ane	Naphthalene carbonitrile	n-nitrosogimetnylamine PAHs	Acenaphthalene	Acenaphthene	Benzo(a)pyrene	Curysene Nibenzo(a blanthracono	Fluoranthene	ine	Phenanthrene			Pentachlorobenzene			etrach orobenzene	dimethyl hydrezine
	CAL CAL CAL CAL CAL CAL CAL CAL CAL CAL	mg/Kg	00-378 A	7.575-15	2.74E-10	1.69E-12	1.25E-10	6.07E-10	1 27F 00	5 40E-17	3.36E-13	2.74E-12	1.57E-13	3.86E-13	1.95E-14	1.39E-11	1 40F-12	1.39E-14	3.67E-11	4.75E-08	6.46E-15	3 24F 13	2 1/E-12	1 505-08	2.52E-13	1.33E-09	1.52E-11	6.07E-11	6.07E-11	1.22E-10	1.22E-11	1 225-10	1.22E-11	4.75E-14	2.44E-10	3.02E-14	1.50E-11	2.39E-13	1.37E-11	7.35E-12	5.72E-12
F JRE CHILD C soil	CALCULATED CONC IN SOIL .1M	mg/Kg	% OVE-00	7.68F-15			1.27E-10	6.16E-10		5 77E-13	3.40E-13	2.78E-12	1.59E-13	3.92E-13	1.97E-14	1.416-11	1 425-11	1.41E-14	3.73E-11	4.81E-08	6.55E-15	7 205 12	2 175-12	1 525-08	2.56E-13	1.35E-09	1.54E-11	6-16E-11	6.16E-11	1.24E-10	1.24E-11	1 2/6-10		4.81E-14	2.47E-10	3.06E-14	1.52E-11	2.43E-13	1-39E-11	7.46E-12	5.785-12
A F	ABSORPTION FACTOR		1 005-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1 00E-01	1.00F-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.005-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1005-01	1 005-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01
H EDI	AVERAGE ESTIMATED DAILY INTAKE mg/Kg/day		2 1/5.1/	3 33F-20	1.20F-15	7.44E-18	5.49E-16	2.67E-15	2.69E-16	2 50E-13	1.47F-18	1.20E-17	6.89E-19	1.70E-18	8.55E-20	6.09E-17	5.35E-17	6.11E-20	1.61E-16	2.09E-13	2.84E-20	8.38E-20	0 205-18	6 58E-16	1.11E-18	5.86E-15	6.69E-17	2.67E-16	2.67E-16	5.35E-16	5.35E-17	5.35E-10 5.35E-16	5.355-17	2.09E-19	1.07E-15	1.33E-19	6.58E-17	1.05E-18	6.03E-17	3.23E-17	7.64E-1/
I ED1	MAXIMUM ESTIMATED DAILY INTAKE mg/Kg/day		2 17E-1	7 376-20	1.22F-1	7.55E-1	5.57E-16	2.71E-1	2.73E-16	2.Y2E-1	1.50F-1	1.22E-1	6.99E-1	1.72E-1	8.67E-2	6.18E-1	7.43E-1	6.19F-2	1.64E-16	2.12E-1	2.88E-20	8.5UE-2	0 52E-19	4 47E-11	1.12E-18	5.95E-15	6.78E-17	2.71F-16	2.71E-16	5.43E-16	5.43E-17	5 /3E-16	7,1-354.2	2.12E-19	1.09E-1	1.35E-19	6.67E-17	1.07E-18	6.12E-17	3.28E-1	1.66E-1

TABLE 25
1-61E-09
EDI = Csoil*AF*SAF*ESA*NE*SMF/BW/mgKg/DAYR

5	EDI MAXIMUM ESTIMATED DAILY INTAKE mg/Kg/day		2.60F-15	4.03E-21	46E-16	02E-19	DOE- 1/	3 24E-10	11E-16	03E-19	1.79E-19	.46E-18	8.56E-20	005-19	7 38F-18	9E-18	7.47E-19	11E-21	1.96E-17	.53E-14	4E-21	.UZE-20	ν - 1γ γ - 1γ	385-15	1.34E-19	7.11E-16	1E-18	71-17	3.24E-17	6.49E-17	6.49E-18	6.49E-17		9E-18	3E-20	0E-16	07-10	000	25-19	3.925-18	81-18	3.146-14	AF-20
	ESTI DA INT		2	4	<u>.</u>	0	0 10	n n	~	m.	6-m 6	- (× 0		- 1	9	7.1	7.1	1.0	2	M .			7		7.1	80	M	3.5	6.4	6.4	6.4	9.9	6.49E	7.	4,4	- 1	, ,	- 1	, M	1.0	3.1	6.3
z	EDI AVERAGE ESTIMATED DAILY INTAKE mg/Kg/day		2.56E-15	3.98E-21	1.44E-16	8.90E-19	2 10E-14	3.21F-17	7.01E-16	2.99E-19	1.76E-19	1.44E-18	8.24E-20	1 025-19	7.28F-18	6.40E-18	7.37E-19	7.30E-21	1.93E-17	2.49E-14	3.39E-21	1 2/E-10	1 125-18	7.86F-15	1.33E-19	7.01E-16	8.00E-18	3.19E-17	3.19E-17	6.40E-17	6.40E-18	6.40E-17	6.40E-17	6.40E-18	7.49E-20	1 505 20	7 945-19	1 265-10	7 215-18	3.86E-18	1.96E-18	3.10E-14	6.27E-20
E	ABSORPTION FACTOR		1.00E-01	1.00E-01	1.00E-01	1.00E-01	100-01	1.00F-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1 005-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.006-01	1,000-01	1 00E-01	1.00E-01	- 00 00	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01			1.00E-01	1.00E-01	1.00E-01	1.00E-01	100000	1 005-01	1 00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01
DE ADIE T	CALCULATED CALCULATED CONC IN SOIL .2M mg/Kg		2.47E-09	3.84E-15	39E-	8.59E-13	Z 08E-10	3.10F-11			1.70E-13		1 065-14			6,18E-12			1.86E-11	2.41E-08	5.2/E-15	1 105-12	1 DRF-12	7.59E-09	1.28E-13	6.77E-10	7.72E-12	3.08E-11	3.08E-11	6.18E-11	6.18E-12	6.18E-11	6.18E-11	6-18E-12	4 2/1 40	1.246-10	7 505-12	1 215-12	6 OKE-12	3.73E-12	1.89E-12	2.99E-08	6.05E-14
TABLE 26	CALCULATED CACULATED CONC IN SOIL .2M mg/Kg		2.44E-09	3.78E-15	1.37E-10	8.46E-15	2 0/5-10	3.06E-11	6.67E-10	2.84E-13	1.68E-13	7 5/E-12	1 025-12	0 735-15	6.93E-12	6.09E-12	7.01E-13	6.95E-15	1.84E-11	2.37E-08	5.25E-15	1 18E-15	1 075-12	7.48E-09	1.26E-13	6.67E-10	7.61E-12	3.04E-11	3.04E-11	6.09E-11	6.09E-12	6.09E-11	6.09E-11	6.09E-12	4.37E-14	1.225-10	7 7.85-17	1 205-12	6 86E-12	3.68E-12	1.86E-12	2.95E-08	5.96E-14
	18-Jun-91 14:11:47		le			.0	ט	jd	le e	əle	Bis(Z-ethylhexyl)phthalate	-	henvi	oinhenvl	Je Je	LE C	oethane		oenzene			/ ketone	anol Carlo	hydrazine		Naphthalene carbonitrile	n-nitrosodimetnylamine PAHs	halene	hene	pyrene		Dibenzo(a,h)anthracene	nene				honzono	2127122		benzene	nzene	dimethyl hydrazine	
BASE CASE		ORGANICS	Acetonitrile	Aldrin	Aniline	Atrazine Renzeldehvde	Renzofuran	Benzoic Acid	Benzonitrile	Benzothiazole	Bis(2-ethyl	Cal Dazote	4-chlorobinhond	4.4-Chlorof	Chloroethane	Dibenzofuran	1,2-Dichloroethane	Dieldrin	Hexach Lorobenzene	Hydrazine	L'indane	Methyl ethyl ketone	4-Methylphenol	Monomethyl hydrazine	Naphthalene	Naphthalene	PAHS	Acenaphthalene	Acenaphthene	Benzo(a)pyrene	Chrysene	Dibenzo	rtuorantnene	ridorene	Dyrono	Parathion	Pentachlorobenzene	Phenoi	Quinoline	Tetrachlorobenzene	Trichlorobenzene		
	283 283 283 283 283 283 283 283	295 295 04	297	298	200	301	202	303	304	202	506	202	300	310	311	312	313	314	515	919	- 0	00	20	21	22	23	325	26	27	28	53	50	22	72	2,4	ל א ל	36	37	38	39	05	41	342

		NE ESA SAF SMF BW DAYR mgKg
0	8.57E-17 4.97E-19 3.21E-18	:s/yr)
z	8.45E-17 4.90E-19 3.17E-18	r year (event ent) il (mg/cm2)
E	1.00E-02 1.00E-02 1.00E-02	ure events per area (cm2/ev factor for scitor))
_	8.15E-10 4.73E-12 3.06E-11	Number of exposure events per year (events/yr) Exposed surface area (cm2/event) Skin adherence factor for soil (mg/cm2) Soil matrix factor Body weight (Kg) Days/yr mg/Kg i.F*SAF*ESA*NE*SMF/BW/mgKg/DAYR
K TABLE 26	8.04E-10 4.66E-12 3.01E-11	117 Number of exposure events per 4500 Exposed surface area (cm2/eve 0.51 Skin adherence factor for soi 1 Soil matrix factor 70 Body weight (Kg) 365 Days/yr 1000000 mg/Kg ESA*NE*SMF/BW/mgKg/DAYR
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B BASE CASE NORGANICS	Arsenic Cadmium Mercury	
284 285 344	345	3548 355 355 355 355 355 355

g	EDI CHILD ESTIMATED DAILY INTAKE mg/kg/day	1.756-20	6.34E-27	5.27E-19	0.00E+00	5.67E-20	1.25E-18	4.70E-20	5-67E-24	7.34E-24	7.46E-21	2.13E-21	7.66E-22	1.29E-23	4.32E-23	4.94E-20	2 775-26	9.71E-19	7.96E-20	1.07E-25	0.00E+00	0.00E+00	6.13E-23	2.52E-20	5.55E-19	0.005+00		2.37E-19	9.18E-20	3.17E-19	8.01E-19	1.79E-16	6.60E-20	2.27E-19	3.62E-18	7.17E-25	1.43E-20	2.17E-20	9.92E-20	4.78E-25		9.84E-15	1.20E-15	4.58E-15
u_	EDI ADULT ESTIMATED DAILY INTAKE mg/kg/day	7.76E-21	2.81E-27	2.33E-19	0.00E+00	2.51E-20	2 205-19	2 00F-10	2.51E-24	3.25E-24	3.31E-21	9.45E-22	3.39E-22	5.71E-24	1.91E-23	5. 19E-20	1 08E-24	4.30E-19	3.52E-20	4.73E-26	0.00E+00	0.00E+00	2.7E-23	1.124-20	7 72E-19	0.00E+00		1.05E-19	4.07E-20	1.40E-19	3.55E-19	7.95E-17	2.92E-20	1.01E-19	1.60E-18	3.17E-25	6.35E-21	9.59E-21	4.39E-20	2.12E-25		4.36E-15	5.29E-16	2.03E-15
m m	BIO. CONC. FACTOR	0.06	28	6.03	01	ω <u>(</u>	0 T	2	19.843	850	186	14.5	290	215	C. C.	(%0.0	5800	8690	2.8	130	0	0 ;	200	7.0	027	0		730	242	930	23000	520000	1300	2630	5100	335	21	991	2.8	7.0		350	1183	578
TABLE 27 FISH INGESTION	C water SURFACE WATER CONCENTRAT. mg/L	1.87E-14	1.45E-23	5.60E-15	5.15E-20	1 275-16	2 058-14	4.80E-15	1.83E-20	5.53E-22	2.57E-18	9.43E-18	8.32E-20	5.84E-21	2 07E-19	4.145-18	2.69E-23	7.16E-18	1.82E-15	5.26E-23	3.10E-22	9.04E-20	C. 10E- 19	, ooe-17	1.158-15	5.08E-19		2.08E-17	2.43E-17	2.18E-17	2.23E-18	2.21E-17	3.25E-18	5.53E-18	4.55E-17	1.37E-22	4.37E-17	1.40E-18	2.27E-15	4.37E-21		1.80E-13	6.47E-15	5.07E-14
BASE CASE	18-Jun-91 14:11:47	ORGANICS Acetonitrile	Aldrin	Aniline	Atrazine	Benzaldenyde Renzofuran	Benzoic Acid	Benzonitrile	Benzothiazole	Eis(2-ethylhexyl)phthalate	Carbazole	4-Chloroaniline	4-Chlorobiphenyl	4,4-cnloropiphenyl	Oitor occurance	1.2-Dichloroethane	Dieldrin	Hexachlorobenzene	Hydrazine	Lindane	Malathion	Metnyl etnyl Ketone	Monomothy! hydrosino	Naphthal and	Naphthalene carbonitrile	n-Nitrosodimethylamine	PAHS	Acenaphthalene	Acenaphthene	Benzo(a)pyrene	Chrysene	Dibenzo(a,h)anthracene	Fluorene	Phenanthrene	Pyrene	Parathion	Quinoline		Unsym. dimethyl hydrazine	Vapona	INORGANICS	Arsenic	Copper	Zinc
360 361 362	364 365 366 367 368	370 (371	372	37.5	275	375	377	378	379	580	381	286	282	204	386	387	388	389	390	391	592	27.5	305	306	397	398	366	400	401	402	403	404	405	406	407	408	409	410	411	412	415 414 11		416	417

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D TABLE 27

BASE CASE

359 360 419 421 422 423 424 424

ADULT 4.84 FISH INGESTION RATE g/day 70 ADULT BODY WEIGHT KG 1000 g/KG 0.1 Fraction lipid in fillet

2.42 15.5 1000 0.1

The continue of the continue	The late of	000		CARCINOGENIC	SI OPE FACTORS	((ma/ka-dav)-1)
RES-A Reference	Inhalation Oral Stope St	01		Chicamodellia	בו בו	(Cap By Bull
RES-A Slope Slope Slope BASE CASE Ractor Res-A Ractor Res-A	Stope			Inhalation	Oral	Dermal
ORGANICS	Antine Adrin Antine Antine Brise CASE Antine Berzen Antine Berzen Berzen Berzen Berzen Bris (2-ethylhexyl)phthalate Carbazole		Stope	Stope	Stope	
Arrent CS Arritoria Arritile Arritor Atdrin Aniline Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbar Tetrachloride 1,4-Dichlorobenzene 1,2-Dichlorobenzene 1,1-Dichlorocthane 1,2-Dichlorocthane 1,1-Dichlorocthane 1,1-Dich	Acrylonitrile 1.70E-01 1.70E-01 2.00E-02 2.90E-02 2.90E-02 2.00E-02 2.00E-03 2.00E-02 2.00E-03 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2			lactor	Lactor	ractor
Acylonitrile Aldrin Bis(2-ethylhexyl)phthalate Carbaon Tetrachloride 1,40E-02 Carbaon Tetrachloride 1,4-Dichloroethane 1,2-Dichloroethane 1,30E-00 Aldrin Bexachloroethane 1,0E-00 1,	Actylonitrile 2.40E-01 5.40E-01 Aldrin S.70E-03 5.70E-03 5.70E-	065 2665				
Addrin Aldrin Benzene Bis(2-ethylhexyl)phthalate Carbon Tetrachloride 1,400-02 2,000-02 2,000-02 1,400-02 1,400-02 1,400-02 1,400-02 1,400-02 1,400-02 1,400-02 1,400-02 1,400-02 1,400-02 1,1000-02 1,1000-02 1,1000-03 1,10000-03 1,1000003 1,1000003	Acrylonitrile Adrin Aldrin Aniline Aniline Aniline Aniline Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbarole Carbarole Carbarole 1,4-bichloroethane 1,2-bichloroethane 1,30E-07 1,4-bichloroethane 1,30E-07 1,4-bichloroethane 1,30E-07 1,4-bichloroethane 1,30E-07 1,4-bichloroethane 1,30E-07 1,4-bichloroethane 1,10E-02 1,1-bichloroethane 1,10E-02 1,1-bichloroethane 1,1-bichloroethane 1,1-bichloroethane 1,1-bichloroethane 1,1-bichloroethane 1,1-bichloroethane 1,1-bichloroethane 1,1-bichloroethane 1,1-bichloroethane 1,10E-02 1,1-bichloroethane 1,1-bichloroet					
Aidrin Airine Aniline Banzene Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbazole Carbazole Carbazole Chloroform 1,4-Dichlorobenzene 1,2-Dichlorocethane 1,1-Dichlorocethane	Aldrin Aldrine 1.70E+01 1.70E+02 1.70E-02 1.70E-02 1.70E-02 1.70E-02 1.70E-02 1.70E-02 1.70E-02 1.70E-02 1.70E-02 1.70E-01 1.70E-			2.40E-01	5.40F-01	SN
Aniline Benzene Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Carbacole Carbacole Carbon Tetrachloride 1,40E-02 Calber Carbon Tiber Carbon Tiber Carbon Tiber Carbon Tiber Carbon Tiber Carbon Tiber Carbon	Aniline Benzene Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Carbazole Carbaz			1.70E+01	1.70E+01	3.40E+01
Benzene Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbazole Carbazole Carbazole Chloroform 1,4-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane 1,3-	Benzene Biographic Strict Stri			5.70E-03		1.14E-02
Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbazole Carbazole Carbazole Carbazole Carbazole Chloroform 1,4-Dichlorobenzene 1,2-Dichloroethane 1,10E-02	Bis(2-ethylhexyl)phthalate Carbon Tetrachloride Carbon Car			2.90E-02		S
Carbazole Carbazole Carbazole Carbor Tetrachloride Chloroform Chloroform Chloroform Chloroethane Chroroethane Chroroethane Chroroethane Chroroethane Chroroethane Chloroethane	Carbazole Carbazole Carbazole Carbazole Carbon Tetrachloride 1,4-Dichlorobenzene 1,1-Dichlorocthane 1,2-Dichlorocthane 1,30E-02 1,60E+01 1,60E+01 1,60E+01 1,60E+01 1,60E+01 1,60E+01 1,30E+00 1,30E+00 1,30E+00 1,30E+00 1,10E+00 1,10E+01 1,		hthalate	1.40E-02		2.80E-02
Carbon Tetrachloride Carbon Tetrachloride 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,2-Dichloroethane 1,3-Dichloroethane 1,3-Dic	Carbon Tetrachloride 1.30E-01 1.30E-01 1.4-Dichloropenzene 2.40E-02 6.10E-03 1.4-Dichloropenzene 1.20E-00 6.10E-02 1.4-Dichloropenzene 1.20E+00 6.00E-01 1.20E+00 1.20E+00 6.00E-01 1.60E+00 1.20E+00 1.60E+00 1.6			2.00E-02		4.00E-02
Chloroform Chloroform Chloroform Chloroform Chloroform Chlorochane Chrosodimethylamine Chrosodimethylamine Chrosodimethylamine Chrorochane Cadmium Chlorochan Chromium (VI) Chlorol Cadmium Chlorol Chromium (VI) Chlorol Chlorol Chromium (VI) Chlorochan	1,4-Dichlorochane		de	1.30E-01		NC
1,4-Dichlorobenzene 2,40E-02 2,40E-02 1,1-Dichloroethane 1,20E+00 6,00E-01 1,2-Dichloroethane 1,20E+00 6,00E-01 1,2-Dichloroethane 1,20E+00 6,00E-01 1,2-Dichloroethane 1,20E+01 1,60E+01 1,60E+	1,4-Dichlorobenzene 2.40E-02 2.40E-02 1,7-Dichloroethane 1,20E+00 6.00E-01 1,2-Dichloroethane 1,20E+00 6.00E-02 1,7-Dichloroethane 1,20E+00 6.00E-02 1,3-Dichloropane 6.80E-02 6.80E-02 6.80E-02 1,2-Dichloropane 6.80E-02 6.80E-02 1,2-Dichlorobenzene 1,20E+00 1.60E+00 1,60E+00 1,7-E+01 1,60E+00 1,7-E+01 1,00E+00 1,7-E+01 1,00E+00 1,7-E+01 1,00E+00 1,7-E+01 1,00E+00 1,7-E+01 1,00E+00 1,00E+0			8.10E-02		2
1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropropane 1,2-Dichloropropane 1,60E-01 1,30E-00 1,30E-00 1,30E-00 1,30E-00 1,30E-00 1,30E-00 1,30E-00 1,30E-00 1,10E-02 1,10E-01 1,75E+00 1	1.7-Dichloroethane		ē	2.40E-02	2.40E-02	NC
1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,20E+00 6,00E-01 1,2-Dichloroethane 6,80E-02 6,80E-02 6,80E-02 1,60E+01 1,60E+01 1,60E+01 1,60E+01 1,60E+01 1,60E+01 1,60E+01 1,60E+01 1,60E+01 1,71E+01 1,30E+00 1,40E-02 1,40E-02 1,60E+01	1,2-Dichloroethane		4			
1,1-Dichloroethene 1,20E+00 6,00E-01 1,2-Dichloropane 6,80E-02 6,80E-02 1,60E+01 1,60E+01 1,60E+01 1,60E+01 1,60E+01 1,60E+01 1,60E+00 1,71E+01 3,00E+00 1,71E+01 3,00E+00 1,71E+01 3,00E+00 1,71E+01 3,00E+00 1,71E+01 3,00E+00 1,70E+00 1,70E+00 1,70E+00 1,70E-02 1,40E-02 1,40E-02 1,50E-03 1,70E+01 1,0E+01 1,0E+	1,7-Dichloroethene 1,20E+00 6,00E-01 1,7-Dichloroethene 1,20E+00 6,00E-01 1,60E+01 1,60E+01 1,60E+01 1,60E+01 1,60E+01 1,60E+01 1,60E+01 1,60E+01 1,60E+00 1,30E+00 1,10E+00 1,10E+00 1,10E+00 1,10E+00 1,10E+00 1,10E+01 1		41	9.10E-02	9.10E-02	
1,2-Dichloropropane 6.80E-02 6.80E-02 Dieldrin Hexacinc Hydrazine 1.60E+00 1.50E+00 1.30E+00 1.30E+00 1.30E+00 1.30E+00 1.30E+00 1.30E-02 1.40E-02 7.50E-03 4.Methyl hydrazine 1.10E+00 1.10E+00 1.10E+00 1.10E+00 1.10E+00 1.15E+01 Ehrysene 5.10E+01 5.10E+01 1.15E+01 Dibenzo(a,h)anthracene 6.10E+00 1.15E+01 Dibenzo(a,h)anthracene 6.10E+00 1.15E+01 1.20E+01 1.10E-02 1.10E-01 1.10E-02 1.10E-01 1.10E-02 1.10E-01 1.10E-02 1.10E-01 1.10E-02 1.10E-01 1.10E-02 1.10E-01 1.10E-02 1.10E-02 1.10E-01 1.10E-02 1.10E-0	1,2-Dichloropropane 6.80E-02 6.80E-02 Horacin Hexach 1.60E+01 1.60E+01 Horacin Hydrazine 1.30E+00 1.30E+00 Lindane 1.30E+00 1.30E+00 Lindane 1.30E+00 1.30E+00 Methyl chloride 1.40E-02 7.50E-03 4-Methyl hydrazine 1.10E+00 1.10E+00 Monomethyl hydrazine 1.10E+01 5.10E+01 Monomethyl hydrazine 1.10E+01 5.10E+01 PAHS Benzo(a)pyrene 6.10E+00 1.15E+01 Chrysene 6.10E+00 1.15E+01 Dibenzo(a,h)anthracene 6.10E+00 1.15E+01 Dibenzo(a,h)anthracene 6.10E+00 1.15E+01 Parathion 0 0 0 0 Tetrachloroethene 1.20E+01 1.20E+01 Tetrachloroethene 2.90E-01 2.90E-01 Vinyl chloride 2.90E-01 2.90E-01 Vinyl chloride 6.10E+00 1.75E+00 Cadmium (VI) Chemium (VI) Chied Inhalation Total AEB Adult Exposure Du CED Child Inhalation ED Infant Exposure D		•	1.20E+00	6.00E-01	SC
1.60E+01 1.60E+01 1.60E+01 Hexachlorobenzene	1.60E+01 1.60E+01 1.60E+01 Hexachlorobenzene		9	6.80E-02	6.80E-02	S
Hexachlorobenzene 1.60E+00 1.60E+00 1.7TE+01 3.00E+00 1.7TE+01 3.00E+00 1.30E+00 1.10E+00 1.10E+00 1.10E+00 1.10E+01 0.10E+00 1.10E+00 1.10E+00 0.10E+00 0.1	Hexachlorobenzene 1.60E+00 1.60E+00 Hydrazine 1.7TE+01 3.00E+00 Lindane 6.30E-03 1.30E+00 1.30E+00 Methyl chloride 6.30E-03 1.30E-02 A-Methylphenol 1.40E-02 7.50E-03 A-Methylphenol 1.10E+00 1.10E+00 Nonomethyl hydrazine 7.10E+01 5.10E+01 Parathion 0.10Enzo(a,h)anthracene 6.10E+00 1.15E+01 Dibenzo(a,h)anthracene 6.10E+00 1.15E+01 Dibenzo(a,h)anthracene 6.10E+00 1.15E+01 Dibenzo(a,h)anthracene 6.10E+00 1.15E+01 Tetrachloroethene 1.20E+01 1.20E+01 Trichloroethene 2.30E-02 1.10E-02 Vapona Vinyl chloride 2.90E-01 2.30E+00 Vinyl chloride 2.90E-01 2.30E+00 Cadmium (VI) 4.10E+01 NC Total AEB Adult Exposure Du CED Child Inhalation IED Infant Exposure D			1.60E+01	1.60E+01	3.20E+01
Hydrazine	Hydrazine			1.60E+00	1.60E+00	3.20E+00
1.30E+00	1.30E+00			1.71E+01	3.00E+00	6.00E+00
Methyl chloride Methylene chloride Methylene chloride 4-Methylphenol Monomethyl hydrazine n-Nitrosodimethylamine	Methyl chloride Methylene chloride Methylene chloride 4-Methylphenol Monomethyl hydrazine n-Nitrosodimethylamine			1.30E+00	1.30E+00	2.60E+00
### ### ### ##########################	######################################			6.30E-03	1.30E-02	NC
Momethyl hydrazine 1.10E+00 1.10E+00 n-Nitrosodimethylamine 5.10E+01 5.10E+01 PAHS Benzo(a)pyrene 6.10E+00 1.15E+01 Chrysene 6.10E+00 1.15E+01 Dibenzo(a,h)anthracene 6.10E+00 1.15E+01 Dibenzo(a,h)anthracene 6.10E+00 1.15E+01 Parathion Quinoline 1.20E+01 1.20E+01 1.20E+01 Irichloroethene 1.20E+01 1.10E-02 Vapona Vinyl chloride 2.90E-01 2.90E-01 2.90E-01 Vinyl chloride 2.95E-01 2.30E+00 Cadmium (VI) 6.10E+00 NC Cadmium (VI) 6.10E+01 NC 4.10E+01 NC	Monomethyl hydrazine 1.10E+00 1.10E+00 1.10E+00			1.40E-02	7.50E-03	NC
n-Nitrosodimethylamine 5.10E+00 1.10E+00 1.10E+01 5.10E+01 5.10E+0	Note	Monomethy		4 405100	4 401.00	00.100.0
March Marc	March Marc		ne	1.10E+00	1.10E+00	4.20E+00
Benzo(a)pyrene 6.10E+01 1.15E+01 Chrysene 5.10E+00 1.15E+01 Dibenzo(a,h)anthracene 6.10E+00 1.15E+01 1.15E+01 Outlootine 1.20E+01 1.20E+01 1.20E+01 1.20E+01 1.20E+01 1.20E+01 1.20E+01 1.10E-02 1.10E-01 1.75E+00 Cadmium (VI) 6.10E+00 NC 6.10E+00 NC 1.10E+01 NC 1.10E-01 NC 1.10	Benzo(a)pyrene 6.10E+00 1.15E+01 Chrysene 6.10E+00 1.15E+01 Dibenzo(a,h)anthracene 6.10E+00 1.15E+01 Parathion Quinoline 1.20E+01 1.20E+01 Trichloroethene 3.30E-03 5.10E-02 Trichloroethene 3.30E-01 2.90E-01 Vinyl chloride 2.90E-01 2.30E+00 Vinyl chloride 2.90E-01 2.30E+00 Cadmium (VI) 6.10E+01 1.75E+00 Cadmium (VI) 6.10E+01 NC Total 6.10E+01 NC Total 6.10E+01 Exposure Du CED Child Inhalation IED Infant Exposure D			101101	105501	1.025.105
Chrystology and the control of the c	Chrystology of the control of the co			4 105,00	4 455.04	2 205.04
Dibenzo(a, h)anthracene C.10E+00 1.15E+01 Parathion C.10E+00 1.15E+01 Quincline C.20E+01 1.20E+01 Tetrachloroethene C.20E+01 1.20E+01 Vinyl chloride C.20E-01 2.30E+00 INORGANICS C.20E+01 C.20E+00 Arsenic C.20E+01 C.20E+00 C.20E+01 C.20E+01 C.20E+00 C.20E+01 C.20E+01 C.20E+01 Total C.20E+01 C.20E+01 C.20E+01 Total C.20E+01 C.20E+01 C.20E+01 Total C.20E+01 C.20E+01 C.20E+01 C.20E+01 Total C.20E+01	Diberzo(a, h)anthracene			6 10E+00	1 155+01	2 205+01
Parathion Quinoline Tetrachloroethene Trichloroethene Trichlor	Parathion Quinoline 1.20E+01 1.20E+01 Tetrachloroethene 3.30E-03 5.10E-02 Trichloroethene 2.90E-01 2.90E-01 Vapona 2.90E-01 2.90E-01 2.90E-01 Vinyl chloride 2.95E-01 2.30E+00 Cadmium (VI) 4.10E+01 NC Cadmium (VI) 4.10E+01 NC CD Child Exposure Ducced Company Comp		hracana	6 105+00	1 155401	2 305+01
Quinoline Tetrachloroethene 3.30E-03 5.10E-02 Trichloroethene 3.30E-03 5.10E-02 Trichloroethene 1.10E-02 1.10E-02 Vapona 2.90E-01 2.90E-01 5.90E-01 Vinyl chloride 2.95E-01 2.30E+00 Treenic Arsenic 6.10E+00 NC Chromium (VI) 6.10E+01 NC Total	Quincline Tetrachloroethene Trichloroethene Trichloroethene S.20E-03 T.10E-02 T.10E-02 T.10E-02 T.10E-02 T.20E-01 Z.90E-01 Z.95E-01 Z.95E-	Par	200	00.40	101701	705.70
Tetrachloroethene 3.30E-03 5.10E-02 Trichloroethene 1.10E-02 1.10E-02 Vapona 2.90E-01 2.90E-01 5.90E-01 Vinyl chloride 2.95E-01 2.30E+00 INORGANICS 1.50E+01 1.75E+00 3 Cachium (VI) 6.10E+00 NC Chromium (VI) 6.10E+01 NC Total	Tetrachloroethene 3.30E-03 5. Trichloroethene 2.90E-01 1.00E-02 1.00E-01 2.90E-01 2.90E-01 2.95E-01 2.95E-01 2.05E-01 2.05E-01 2.05E-01 1.50E+01 1.			1,20F+01	1,20F+01	2 40F+01
Trichloroethene 1.10E-02 1.10E-02 Vapona 2.90E-01 2.90E-01 2.90E-01 5.90E-01 5.90E-01 5.90E-01 5.30E+00 5.90E-01 2.30E+00 5.00E-01 5.30E+00 5.00E-01 1.75E+00 3.00E-01 1.75E+00 3.00E-01 1.75E+00 3.00E-01 1.00E-01 1.00E-0	Trichloroethene 1.10E-02 1. Vapona 2.90E-01 2. Vegona 2.90E-01 2. Second 2.95E-01 1. Second 2.95E-01 2. Seco			3.30E-03	5,10F-02	N.
Vapona 2.90E-01 2.90E-01 5 Vinyl chloride 2.95E-01 2.30E+00 INORGANICS 1.50E+01 1.75E+00 3 Cadmium (VI) 6.10E+00 NC Total	Vapona 2.90E-01 2. Vinyl chloride 2.95E-01 2. INORGANICS 1.50E+01 1. Cadmium (VI) 4.10E+01 1. Total AED Adult CED Child CED Child CID Child IED Infant			1.10F-02	1_10F-02	Z
Vinyl chloride	Ninyl chloride 2.95E-01 2. INORGANICS Arsenic 6.10E+01 1. Cadmium (VI) 4.10E+01 Total AED Adult CED Child CED Child CID Child IED Infant			2.90F-01	2 OUF-01	5 ADE-01
INORGANICS Arsenic 1.50E+01 1.75E+00 Cadmium 6.10E+00 NC Chromium (VI) 4.10E+01 NC Total	INORGANICS Arsenic 1.50E+01 1. Cadmium (VI) 4.10E+00 Total AED Adult CED Child CED Child CID Child IED Infant	Vinyl		2.95E-01	2.30E+00	NC
INORGANICS Arsenic 1.50E+01 1.75E+00 Cadmium 6.10E+00 NC Chromium (VI) 4.10E+01 NC Total	INORGANICS Arsenic 1.50E+01 1. Cadmium (VI) 6.10E+01 Total AED Adult CED Child CED Child CID CID Child IED Infant					
Arsenic 1.75E+00 Cadmium 6.10E+00 NC Chromium (VI) 4.10E+01 NC Total	Arsenic 1.50E+01 1. Cadmium (VI) 6.10E+00 Chromium (VI) 4.10E+01 Total AED Adult CED Child CID Child IED Infant	INOR				
Cadmium (VI) 6.10E+01 Chromium (VI) 4.10E+01 Total	Cadmium 6.10E+00 Chromium (VI) 4.10E+01 Total AED Adult CED Child CID Child IED Infant			1.50E+01	1.75E+00	3.50E+01
Chromium (VI) 4.10E+01 Total	Chromium (VI) 4.10E+01 Total AED Adult CED Child CID Child IED Infant			6.10E+00	Ş	NC
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ליילי כוכ	IED Infant)				Duration
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Table Carl	IID Infant	33		1 1		

MILK BEEF SOIL/DUST FISH DERMAL INGESTION EXPOSURE CARC. CARC. CARC. CARC. CARC. CARC. RISK RISK RISK RISK NA	VEGETABLE MILK BEEF SOIL/DUST FISH DERMAL INGESTION INGESTION INGESTION INGESTION CARC. RISK RISK RISK RISK RISK RISK RISK RISK	ADULI CARCINOGENIC RISK VEGETABLE MILK BEEF SOIL/DUST FISH DERMAL INGESTION INGESTION INGESTION CARC. RISK	VEGETABLE MILK BEEF SOIL/DUST FISH DERWAL INGESTION INGE	ADULI CARCINUGENIC RISK VEGETABLE INGESTION INGESTIO	VEGETABLE MILK BEEF SOIL/DUST FISH DERWAL INGESTION INGE	VEGETABLE MILK BEEF SOIL/DUST FISH DERMAL INGESTION INGESTION INGESTION INGESTION INGESTION INGESTION INGESTION INGESTION INGESTION CARC. RISK RISK RISK RISK RISK RISK RISK RISK	ADUL! CARCINOGENIC RISK VEGETABLE MILK UNGESTION INGESTION INGESTION CARC.	VEGETABLE MILK BEEF SOIL/DUST FISH DERMAL	Vegetable MILK BEEF SOIL/DUST FISH DERMAL	VEGETABLE MILK BEEF SOIL/DUST FISH DERMAL VEGETABLE MILK BEEF SOIL/DUST FISH DERMAL INGESTION INGESTION INGESTION INGESTION CARC. RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RISK RI	NA N	VEGETABLE MILK BEEF SOIL/DUST FISH DERMAL LINESTION CARC. CA	NUCETABLE MILK BEEF SOIL/DUST FISH DERWAL INGESTION CARCINOGENIC RISK CAC. RISK RISK RISK RISK RISK RISK RISK RISK	TABLE HILK BEEF SOIL/DUST FISH DERMAL STOIL FOUR TOTAL CARC. SK. RISK RISK RISK RISK RISK RISK RISK RISK	VEGETABLE MILK BEEF SC INGESTION ING	98 FO 9 9/80 +1	DERMAL EXPOSURE CARC. RISK 1.24E-19 1.50E-18 NA NA NA NA NA NA NA NA NA NA NA NA NA	TOTAL ADULT CARC. RISK 3.77E-16 3.77E-16 3.77E-16 3.75E-18 2.25E-18 NA NA NA NA NA NA NA NA NA NA NA NA NA
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OI -300" IZ-323" IZ-325" IZ-32	1.73E-18 8.37E-22 3.22E-22 7.16E-20 6.04E-23 5.27E-20 NA N	1.73E-18 8.37E-22 3.22E-22 7.16E-20 6.04E-23 5.27E-20 NA N	1.73E-18 8.37E-22 3.22E-22 7.16E-20 6.04E-23 5.27E-20 NA N	1.73E-18 8.37E-22 3.22E-22 7.16E-20 6.04E-23 5.27E-20 NA N	1.73E-18 8.37E-22 3.22E-22 7.16E-20 6.04E-23 5.27E-20 NA N	1.73E-16 3.14E-17 0.14E-21 4.10E-26 4.51E-27 2.13E-18 8.37E-22 3.22E-22 7.16E-20 6.04E-23 5.27E-20 NA N	1.73E-18 8.37E-22 3.22E-22 7.16E-20 6.04E-23 5.27E-20 NA N	1.73E-18 8.37E-22 3.22E-22 7.16E-20 6.04E-23 5.27E-20 NA N	1.73E-10 5.14E-20 5.14E-20 6.04E-23 5.27E-20 2.13E-18 8.37E-22 3.22E-22 7.16E-20 6.04E-23 5.27E-20 NA N	1.73E-10 5.14E-20 5.14E-20 6.06E-23 5.27E-20 7.16E-20 6.06E-23 5.27E-20 7.16E-20 6.06E-23 5.27E-20 7.16E-20 6.06E-23 5.27E-20 NA	1.75E-16 3.14E-17 6.14E-20 6.14E-21 4.10E-26 4.21E-27 7.16E-20 6.04E-23 5.27E-20 NA	1.75E-16 3.14E-17 3.25E-22 7.16E-20 6.04E-23 5.27E-20 NA	2.13E-18 8.37E-22 3.2E-22 7.16E-20 6.04E-23 5.27E-20 NA	1.75E-16 3.74E-17 5.14E-27 6.14E-20 6.04E-23 5.75E-20	1.73E-18 8.37E-22 3.22E-22 NA N		5.27E-27 NA NA N	2.54E-18 2.25E-18 NA NA NA 7.34E-16 2.08E-15 3.96E-19 NA
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1.75E-18 5.14E-19 6.14E-20 6.14E-21 4.16E-26 4.51E-21	NA N	NA N	NA N	NA N	NA N	NA N	NA N	NA N	NA N	NA N	NA N	NA N	NA N	NA N	NA N		NA NA NE 1.23E-19 NA 2.14E-19 5.65E-17 1.37E-13 NA NA	NA NA NA 1.72E-17 NA 7.34E-16 2.08E-15 9.33E-19 3.96E-19
1.75E-18 5.14E-19 6.14E-20 6.14E-21 4.16E-26 4.51E-21 2.13E-18 8.37E-22 3.22E-22 7.16E-20 6.04E-23 5.27E-20	NA N	NA N	NA N	NA N	NA N	NA N	NA N	NA N	NA N	NA N	NA N	NA N	NA N	NA N	NA N		NA NA NA 1.23E-19 2.14E-19 5.65E-17 1.37E-13 NA NA	NA NA NE 4.72E-17 NA NA 7.34E-16 2.08E-15 9.38E-19 3.96E-19 NA
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1.75E-18 5.14E-19 6.14E-20 6.14E-21 6.05E-21 1.30E-19 1.75E-18 5.14E-19 6.14E-20 6.14E-21 4.16E-26 4.51E-21 2.13E-18 8.37E-22 3.22E-22 7.16E-20 6.04E-23 5.27E-20 NA N	NE N	NE N	NE N	NE N	NE N	NE N	NE N	NE N	NE N	NE N	NE N	NE N	NE N	NE N	NE NE NE NE NE NE NE NE NE NA		NA NA NA 2.14E-19 5.65E-17 1.37E-13 8.06E-21 NA	NA NA 7.346-16 2.086-19 9.336-09 3.966-19 NA
1.75E-18 5.14E-19 6.14E-20 6.14E-21 4.16E-26 4.51E-21 2.13E-18 8.37E-22 7.16E-20 6.04E-23 5.27E-20 NA	3.31E-22 1.29E-22 1.67E-19 4.76E-24 1.23E-19 NA NA NA 1.25E-19 2.95E-20 2.90E-19 1.58E-23 2.14E-19 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-17 NA N	3.31E-22 1.29E-22 1.67E-19 4.76E-24 1.23E-19 NA NA 1.25E-19 2.95E-20 2.90E-19 1.58E-23 2.14E-19 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA NA NA NA NA NA NA NA NA N	3.31E-22 1.29E-22 1.67E-19 4.76E-24 1.23E-19 NA NA NA 1.25E-19 2.95E-20 2.90E-19 1.58E-23 2.14E-19 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA N	3.31E-22 1.29E-22 1.67E-19 4.76E-24 1.23E-19 NA NA NA 1.25E-19 2.95E-20 2.90E-19 1.58E-23 2.14E-19 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA N	4.69E-17 3.31E-22 1.29E-22 1.67E-19 4.76E-24 1.23E-19 NA NA NA NA NA NA NA NA NA N	4.69E-17 3.31E-22 1.29E-22 1.67E-19 4.76E-24 1.23E-19 NA NA NA NA NA NA NA NA NA N	4.69E-17 3.31E-22 1.29E-22 1.67E-19 4.76E-24 1.23E-19 NA NA NA NA NA NA 7.33E-16 1.25E-19 2.95E-20 2.90E-19 1.58E-23 2.14E-19 1.93E-15 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 9.33E-09 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA N	4.69E-17 3.31E-22 1.29E-22 1.67E-19 4.76E-24 1.23E-19 NA NA NA NA NA NA NA NA NA N	4.69E-17 3.31E-22 1.29E-22 1.67E-19 4.76E-24 1.23E-19 NA NA NA NA NA NA NA NA NA N	4.69E-17 3.31E-22 1.29E-22 1.67E-19 4.76E-24 1.23E-19 NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA N	4.69E-17 3.31E-22 1.29E-22 1.67E-19 4.76E-24 1.23E-19 NA NA NA NA NA NA NA NA NA N	4.69E-17 3.31E-22 1.29E-22 1.67E-19 4.76E-24 1.23E-19 NA NA NA NA NA 7.33E-16 1.25E-19 2.95E-20 2.90E-19 1.58E-23 2.14E-19 1.93E-15 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 9.33E-09 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA N	4.69E-17 3.31E-22 1.29E-22 1.67E-19 4.76E-24 1.23E-19 NA NA NA NA 7.33E-16 1.25E-19 2.95E-20 2.90E-19 1.58E-23 2.14E-19 1.93E-15 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 9.33E-09 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA N	4.69E-17 3.31E-22 1.29E-22 1.67E-19 4.76E-24 1.23E-19 NA NA NA 7.33E-16 1.25E-19 2.95E-20 2.90E-19 1.58E-23 2.14E-19 1.93E-15 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 9.33E-09 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA N	4.69e-17 3.31e-22 1.29e-22 NA NA NA NA T.33e-16 1.25e-19 2.95e-20 1.93e-15 1.06e-17 3.21e-18 9.33e-09 4.47e-18 1.75e-18 3.77e-19 1.29e-22 4.98e-23 NA N		1.23E-19 NA NA 2.14E-19 5.65E-17 1.37E-13 NA	4.72E-17 NA NA 7.34E-16 2.08E-15 9.33E-09 3.96E-19
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1.75E-18 5.14E-19 6.14E-20 6.14E-21 4.16E-26 4.51E-21 2.13E-18 8.37E-22 3.22E-22 7.16E-20 6.04E-23 5.27E-20 NA	1.25E-19 2.95E-20 2.90E-19 1.58E-23 2.14E-19 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 4.47E-18 1.86E-13 9.66E-20 1.37E-13 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	1.25E-19 2.95E-20 2.90E-19 1.58E-23 2.14E-19 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	1.25E-19 2.95E-20 2.90E-19 1.58E-23 2.14E-19 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	NA N	NA N	7.33E-16 1.25E-19 2.95E-20 2.90E-19 1.58E-23 2.14E-19 1.93E-15 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 9.33E-09 4.47E-18 1.29E-23 1.10E-20 5.62E-26 8.06E-21 1.37E-13 3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	NA N	7.33E-16 1.25E-19 2.95E-20 2.90E-19 1.58E-23 2.14E-19 1.93E-15 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 9.33E-19 1.26E-20 1.37E-19 1.25E-19 5.65E-17 9.33E-09 4.47E-18 1.25E-18 1.86E-13 9.66E-20 1.37E-13 3.77E-19 1.20E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	7.33E-16 1.25E-19 2.95E-20 2.90E-19 1.58E-23 2.14E-19 1.93E-15 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 9.33E-15 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 9.33E-09 4.47E-18 1.25E-18 1.86E-13 9.66E-20 1.37E-13 3.7E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	NA N	NA N	NA N	NA N	NA N	7.33E-16 1.25E-19 2.95E-20 1.93E-15 1.06E-17 3.21E-18 9.33E-09 4.47E-18 1.75E-18 3.77E-19 1.29E-22 4.98E-23 NA		2.14E-19 5.65E-17 1.37E-13 8.06E-21 NA	7.34E-16 2.08E-15 9.33E-09 3.96E-19
1.75E-18 5.14E-19 6.14E-20 6.14E-21 4.16E-26 4.51E-21 2.13E-18 8.37E-22 3.22E-22 7.16E-20 6.04E-23 5.27E-20 NA	1.25E-19 2.95E-20 2.90E-19 1.58E-23 2.14E-19 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA N	1.25E-19 2.95E-20 2.90E-19 1.58E-23 2.14E-19 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	1.25E-19 2.95E-20 2.90E-19 1.58E-23 2.14E-19 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	1.25E-19 2.95E-20 2.90E-19 1.58E-23 2.14E-19 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	7.33E-16 1.25E-19 2.95E-20 2.90E-19 1.58E-23 2.14E-19 1.93E-15 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 9.33E-09 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	7.33E-16 1.25E-19 2.95E-20 2.90E-19 1.58E-23 2.14E-19 1.93E-15 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 9.33E-09 4.47R-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	7.33E-16 1.25E-19 2.95E-20 2.90E-19 1.58E-23 2.14E-19 1.93E-15 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 9.33E-09 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	7.33E-16 1.25E-19 2.95E-20 2.90E-19 1.58E-23 2.14E-19 1.93E-15 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 9.33E-09 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	7.33E-16 1.25E-19 2.95E-20 2.90E-19 1.58E-23 2.14E-19 1.93E-15 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 9.53E-17 6.29E-19 5.65E-17 9.33E-09 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 3.77E-19 1.20E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	7.33E-16 1.25E-19 2.95E-20 2.90E-19 1.58E-23 2.14E-19 1.93E-15 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 9.33E-09 4.47R-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	7.33E-16 1.25E-19 2.95E-20 2.90E-19 1.58E-23 2.14E-19 1.93E-15 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 9.33E-09 4.47R-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	7.33E-16 1.25E-19 2.95E-20 2.90E-19 1.58E-23 2.14E-19 1.93E-15 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 9.33E-09 4.47R-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	7.33E-16 1.25E-19 2.95E-20 2.90E-19 1.58E-23 2.14E-19 1.93E-15 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 9.33E-09 4.47R-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	7.33E-16 1.25E-19 2.95E-20 2.90E-19 1.58E-23 2.14E-19 1.93E-15 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 9.33E-09 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	7.33E-16 1.25E-19 2.95E-20 1.93E-15 1.06E-17 3.21E-18 9.33E-09 4.47R-18 1.75E-18 1.75E-18 1.75E-18 1.75E-18 1.75E-18 1.75E-18 1.75E-18 1.75E-19 1.29E-22 4.98E-23 NA		2.14E-19 5.65E-17 1.37E-13 8.06E-21 NA	7.346-16 2.086-15 9.336-09 3.966-19
1.75E-18 5.14E-19 6.14E-20 6.14E-21 4.16E-26 4.51E-21 2.13E-18 8.37E-22 3.22E-22 7.16E-20 6.04E-23 5.27E-20 NA	1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	1.06e-17 3.21e-18 7.67e-17 6.29e-19 5.65e-17 4.47e-18 1.75e-18 1.86e-13 9.66e-20 1.37e-13 1.29e-22 4.98e-23 1.10e-20 5.62e-26 8.06e-21 NA	1.93E-15 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 9.33E-09 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	1.93E-15 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 9.33E-09 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	1.93E-15 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 9.33E-09 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	1.93E-15 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 9.33E-09 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	1.93E-15 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 9.33E-09 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	1.93E-15 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 9.33E-09 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	1.93E-15 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 9.33E-09 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	1.93E-15 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 9.33E-09 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	1.93E-15 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 9.33E-09 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	1.93E-15 1.06E-17 3.21E-18 7.67E-17 6.29E-19 5.65E-17 9.33E-09 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	1.93e-15 1.06e-17 3.21e-18 9.33e-09 4.47e-18 1.75e-18 3.77e-19 1.29e-22 4.98e-23 NA 4.57e-15 1.16e-15 2.51e-16 2.17e-15 4.05e-17 1.11e-17 6.49e-15 1.34e-15 2.81e-16 NB NA NA NA NA NA NA NA NA		5.65E-17 1.37E-13 8.06E-21 NA	2.08E-15 9.33E-09 3.96E-19 NA
1.75E-18 5.14E-19 6.14E-20 6.14E-21 4.16E-26 4.51E-21 2.13E-18 8.37E-22 3.22E-22 7.16E-20 6.04E-23 5.27E-20 NA	4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	9.33E-09 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	9.33E-09 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	9.33E-09 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	9,33E-09 4,47E-18 1,75E-18 1,86E-13 9,66E-20 1,37E-13 3,77E-19 1,29E-22 4,98E-23 1,10E-20 5,62E-26 8,06E-21 NA	9,33E-09 4,47E-18 1,75E-18 1,86E-13 9,66E-20 1,37E-13 3,77E-19 1,29E-22 4,98E-23 1,10E-20 5,62E-26 8,06E-21 NA	9.33E-09 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	9,33E-09 4,47E-18 1,75E-18 1,86E-13 9,66E-20 1,37E-13 3,77E-19 1,29E-22 4,98E-23 1,10E-20 5,62E-26 8,06E-21 NA	9.33E-09 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	9.33E-09 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA N	9.33E-09 4.47E-18 1.75E-18 1.86E-13 9.66E-20 1.37E-13 3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	9.33E-09 4.47E-18 1.75E-18 3.77E-19 1.29E-22 4.98E-23 NA N		1.37E-13 8.06E-21 NA	9.33E-09 3.96E-19 NA
1.75E-18 5.14E-19 6.14E-20 6.14E-21 4.16E-26 4.51E-21 2.13E-18 8.37E-22 3.22E-22 7.16E-20 6.04E-23 5.27E-20 NA	1.29e-22 4.98e-23 1.10e-20 5.62e-26 8.06e-21 NA N	1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA NA NA NA NA NA NA NA NE NE NE 5.17E-19 2.03E-19 2.15E-14 1.12E-20 1.58E-14 2.48E-19 9.74E-20 1.01E-15 0.00E+00 7.46E-16	1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA NA NA NA NA NA NA NA NE NE NE 5.17E-19 2.03E-19 2.15E-14 1.12E-20 1.58E-14 2.48E-19 9.74E-20 1.01E-15 0.00E+00 7.46E-16	1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA NA NA NA NA NA NA	3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA NA NA NA NA NA NA NA NA NA NA	3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA NA	3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA	3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA N	3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA N	3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA N	3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA N	3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA N	3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA N	3.77E-19 1.29E-22 4.98E-23 1.10E-20 5.62E-26 8.06E-21 NA N	3.77E-19 1.29E-22 4.98E-23 NA NA NA NA NA NA NA NA NA NA C.13E-11 2.48E-19 2.74E-20 C.17E-15 4.05E-17 1.11E-17 C.49E-15 1.46E-15 2.51E-16 C.49E-15 1.46E-15 2.51E-16 NA NA NA NA NA NA NA NA NA		8.06E-21 NA NA	3.96E-19 NA
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1.75E-18 5.14E-19 6.14E-20 6.04E-23 1.25E-20 1.75E-18 8.37E-22 3.22E-22 7.16E-20 6.04E-23 5.27E-20 1.75E-18 8.37E-22 3.22E-22 7.16E-20 6.04E-23 5.27E-20 1.75E-18 1.25E-19 6.14E-20 6.04E-23 5.27E-20 1.75E-19 1.25E-19 1.25E-20 1.25E-19 1.25E-20 1.25E-19 1.25E-20 1.25E-19 1.25E-20 1.25E-19 1.25E-20 1.2	NE NE NE NE NE NE S.17E-19 2.03E-19 2.03E-19 2.15E-14 1.12E-20 1.58E-14	NE NE NE NE NE NE S.17E-19 2.03E-19 2.15E-14 1.12E-20 1.58E-14 2.48E-19 9.74E-20 1.01E-15 0.00E+00 7.46E-16	NE NE NE NE NE NE S.17E-19 2.03E-19 2.15E-14 1.12E-20 1.58E-14 2.48E-19 9.74E-20 1.01E-15 0.00E+00 7.46E-16	NE NE NE NE NE NE S. 17E-19 2.03E-19 2.15E-14 1.12E-20 1.58E-14 2.48E-19 9.74E-20 1.01E-15 0.00E+00 7.46E-16 1.16E-15 2.51E-16 1.83E-15 1.47E-18 1.35E-15	NE 7.41E-10 5.17E-19 2.03E-19 2.15E-14 1.12E-20 1.58E-14 2.13E-11 2.48E-19 9.74E-20 1.01E-15 0.00E+00 7.46E-16 4.57E-15 1.16E-15 2.51E-16 1.83E-15 1.47E-18 1.35E-15 2.17E-15 4.05E-17 1.11E-17 1.83E-16 3.73E-18 1.35E-16	NE N	NE N	NE N	NE N	NE N	NE N	NE N	NE N	NE N	7.41E-10 5.17E-19 2.03E-19 2.13E-11 2.48E-19 9.74E-20 4.57E-15 1.16E-15 2.51E-16 6.49E-15 1.34E-15 2.81E-16 1 NB NA			AN
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ate 1.75E-18 5.14E-19 6.14E-20 6.14E-21 6.16E-20 6.04E-23 5.27E-20 7.16E-20 7.16E-10	4.57E-15 1.16E-15 2.51E-16 1.83E-15 1.47E-18 1.35E-15 2.17E-15 4.05E-17 1.11E-17 1.83E-16 3.73E-18 1.35E-15 6.49E-15 1.34E-15 2.81E-16 1.83E-15 8.35E-16 1.35E-16 1.35E-16 1.35E-16 1.35E-16 1.35E-15 NE	4.5/E-15 1.16e-15 2.51e-16 1.83E-15 1.4/E-18 1.35E-15 2.17E-15 4.05E-17 1.11E-17 1.83E-16 3.73E-18 1.35E-15 6.49E-15 1.44/E-15 2.81E-16 1.83E-15 8.37E-16 1.35E-16 1.35E-16 1.35E-15 NE	2.17E-15 4.05E-17 1.11E-17 1.83E-16 5.75E-18 1.35E-16 6.49E-15 1.34E-15 2.85E-16 1.83E-16 1.35E-16 1.35E-16 1.35E-16 1.35E-16 1.35E-15 1.35E-15 1.35E-15 1.35E-15 1.35E-16 1.35E-16 1.35E-16 1.35E-15 1.35E-16 1.3	6.49E-15 1.34E-15 1.83E-15 8.55E-16 1.55E-15 NE N	NE N	7.28E-19 2.85E-19 2.15E-16 6.96E-20 1.58E-16 NA NA NA NA 8.29E-23 3.25E-23 4.52E-20 5.61E-26 3.32E-20 NA NA NA 8.29E-15 4.24E-17 3.67E-15 6.97E-15 2.70E-15	NA N	NA N	8.29E-23 3.25E-23 4.52E-20 5.61E-26 3.32E-20 NA NA NA NA NA NA S.24E-15 4.24E-17 3.67E-15 6.97E-15 2.70E-15	3.24E-15 4.24E-17 3.67E-15 6.97E-15 2.70E-15	3.24E-15 4.24E-17 3.67E-15 6.97E-15 2.70E-15	3.24E-15 4.24E-17 3.67E-15 6.97E-15 2.70E-15	5.24E-15 4.24E-1/ 5.6/E-15 6.9/E-15 2.70E-15		4 ×		Z Z	K 2
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×	TOTAL CHILD CARC. RISK	3.77E-14 1.77E-16 3.44E-18 8.12E-19 7.82E-17 4.14E-16 1.59E-17 7.52E-17 7.52E-17 7.52E-17 7.52E-19 8.89E-19 1.76E-10 2.62E-12 5.96E-14 6.12E-15 6.01E-14 6.12E-15 6.01E-14 6.12E-16 7.5E-16 7.7E-15 7.5E-17 7.7E-15 7.5E-17 7.7E-15 8.89E-19 1.56E-17 7.7E-15 7.7E-15 8.89E-19 1.78E-16 7.7E-15 8.89E-19 1.78E-16 7.7E-17 7.7E-15 6.01E-17 6.12E-17 6.12E-17 7.5E-17 7.5E-17	
3	DERMAL EXPOSURE CARC. RISK	8.08E-20 9.81E-19 8.08E-21 3.44E-20 NA NA 1.40E-19 3.69E-17 8.94E-14 5.27E-21 4.87E-16 8.80E-16 8.80E-16 8.80E-16 8.80E-16 8.80E-16 NA NA NA NA NA NA NA NA NA NA NA NA NA	
>	FISH INGESTION CARC. RISK	7.70E-27 2.15E-22 1.07E-23 1.07E-27 1.07E-23 1.00E-10 1.0	
Þ	SOIL/DUST INGESTION CARC. RISK	1.19E-19 1.44E-18 1.44E-18 1.53E-21 1.18E-19 1.29E-17 1.29E-15 1.52E-16 1.29E-15 1.52E-16 1.55E-16	
-	BEEF INGESTION CARC. RISK	2.18E-20 1.76E-22 6.28E-23 6.28E-23 8.26E-19 9.71E-24 NA NA NA NA NA NA NA NA NA NA NA NA NA	
Ø	MILK INGESTION CARC. RISK	3.35E-19 1.04E-21 NA 2.32E-19 3.77E-22 NA NA NA S.64E-20 4.80E-18 5.64E-20 6.06E-16 5.24E-15 6.06E-16 3.28E-19 1.46E-15 NA	
Q 30 CARCINOGENIC RISK	VEGETABLE INGESTION CARC. RISK	7.40E-18 5.86E-17 NA NA NA NA NA 8.58E-17 5.30E-16 6.06E-18 6.06E-18 7.77E-20 4.77E-20 4.77E-20 6.06E-16 8.50E-16 8.30E-16 8.30E-16 8.30E-16 8.30E-16 8.30E-16 8.30E-16 8.30E-16 8.30E-16 8.30E-16 8.30E-16 8.30E-16 8.30E-16	
Q TABLE 30 CHILD CARCINOG	INHALATION CARC. RISK	3.77E-14 9.73E-18 1.18E-16 3.56E-19 4.18E-16 1.80E-19 9.66E-18 2.18E-16 4.58E-19 6.35E-19 8.35E-19 8.35E-19 8.35E-19 8.35E-19 8.55E-14 5.62E-14 5.62E-14 5.62E-14 5.62E-15 5.62E-16 5.62E-17 7.82E-12 7.82E-12 7.82E-13 7.82E-13 8.36E-17 8.36E-17 8.36E-17 8.36E-17 8.43G-17 8.56E-18 8.56E-16 8.5	
C)		Acrylonitrile Aldrin Aniline Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbazole Carbazole Chloroform 1,4-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane Nethylene chloride Methylene chloride Methylene chloride Methylene chloride Nonomethyl hydrazine n-Nitrosodimethylamine PAHS Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Dibenzo(a,h)anthracene Olibenzo(a,h)anthracene Dibenzo(a,h)anthracene Vapona Vinyl chloride Irichloroethene Vapona Vinyl chloride Chromium (VI)	
100 98 A		11000 11111111111111111111111111111111	

IMI lonitrile in ine ene 2-ethylhexyl)phthalate azole azole on Tetrachloride roform Dichlorobenzene Dichloroethane Dichloropthane Dichloropthane Arine azine azine azine azine axine thloride yl chloride yl chloride thylphenol mæthyl hydrazine trosodimethylamine		EE-14 1.71E-16 CARC. RISK CARC. RISK TE-18 2.12E-17 TE-18 2.17E-16 TE-19 1.80E-18 TE-16 5.99E-18 TE-16 3.54E-19 RE-19 2.05E-21 RE-19 1.87E-17 TE-16 3.54E-19 RE-19 2.05E-21 RE-19 1.87E-17 TE-16 3.54E-19 RE-19 2.05E-21 RE-19 1.87E-17 TE-16 1.67E-17 TE-16 3.54E-19 TE-16 1.67E-17 TE-16 1.67E-17 TE-16 1.67E-17 TE-16 1.67E-17	2.48E-14 2.76E-17 2.76E-17 2.76E-18 2.76E-18 2.76E-18 2.76E-18 2.70E-18 3.71E-17 1.20E-19 1.44E-17 3.66E-18
lonitrile in	2. 266-14 6.376-18 2. 256-18 2. 256-18 2. 336-19 1. 186-19 8. 256-18 1. 186-19 8. 256-18 1. 106-19 2. 916-15 4. 106-19 7. 806-17	1,71E-16 2,12E-16 2,61E-21 1,80E-18 6,99E-18 8,89E-19 2,05E-21 NE-17 1,24E-18 5,20E-20 7,03E-17 1,56E-15	2.48E 14 2.76E 14 2.26E 18 2.03E 18 2.03E 18 2.71E 17 1.20E 17 1.20E 17 1.44E 16 3.05E 16
lonitrile in ine ene 2-ethylhexyl)phthalate azole on Tetrachloride roform Dichloroethane Dichloroethane Dichloroethane Colchloropropane drin chloropropane drin chlorobenzene azine azine azine thylphenol mæthyl hydrazine trosodimæthylamine	6.376-18 7.746-17 7.746-17 7.746-17 7.746-17 7.746-17 7.186-19 8.326-18 8.326-18 7.806-17 7.806-17	1.71E-16 2.12E-17 2.17E-16 2.61E-21 1.80E-18 8.89E-19 3.54E-19 2.05E-21 1.24E-18 5.20E-20 7.03E-17 1.56E-15	2.48E-17 2.76E-17 2.94E-16 2.26E-18 9.03E-18 9.71E-16 1.20E-19 1.20E-17 1.44E-16 3.05E-17 4.60E-15
in ine ene azole on Tetrachloride on Tetrachloride orform jichloroethane jichloroethane jichloroethane jichloroethane jichloroethane jichloroethane it chloropene Ar in azine Al chloride /l chloride	6.37E-18 2.33E-19 2.33E-19 2.71E-17 3.12E-17 1.18E-19 1.10E-17 2.99E-18 4.02E-17 4.16E-19 2.99E-18	2.12E-17 2.61E-15 2.61E-18 6.99E-18 8.89E-19 3.54E-19 1.24E-18 5.20E-20 7.03E-17 1.24E-18	2.76e-17 2.94e-16 2.26e-18 2.26e-18 9.70e-18 9.70e-18 1.20e-19 1.20e-19 1.20e-19 1.30e-16 1.30e-16
nne ene azole on Tetrachloride on Tetrachloride orform jichloroethane jichloroethane jichloroethane jichloroethane jichloroethane jichloroethane ichloropene Arin azine vl chloride vl chloride vl chloride vl chloride klylphenol methyl hydrazine trosodimethylamine	7.74E-17 2.25E-18 2.71E-18 1.18E-19 1.10E-17 2.99E-18 4.02E-17 7.80E-19	2.176-16 2.61e-18 6.99e-18 8.89e-19 3.54e-19 1.24e-18 5.20e-20 7.03e-17 7.65e-15	2.946-16 2.266-18 2.266-18 2.706-18 2.716-17 1.206-19 1.466-17 8.136-17
ane 2-ethylhexyl)phthalate 2-othylhexyl)phthalate 2-othor 7-othor 7-othor 7-othor 7-othor 7-othor 7-othor 7-othor 7-othor 8-othor 9-ot	2.235-18 2.235-18 2.716-17 1.186-19 1.106-17 2.916-17 2.916-17 4.026-19 4.166-19	7.01E-21 6.98E-18 8.89E-19 2.05E-21 1.24E-18 7.03E-17 7.03E-17 1.56E-15	2.26E-18 9.70E-18 9.71E-17 5.21E-17 1.20E-19 1.20E-17 1.4E-18 1.44E-18 8.13E-17
azole on Tetrachloride coform ichlorobenzene ichloroethane ichloroethane ichloropenane ichloropenane ichloropenane ichloropenane ichloropenane ichloropenane ichloropenane ichloride ichlo	NE 10 10 10 10 10 10 10 10 10 10 10 10 10	0.905-18 8.896-19 3.546-19 2.056-19 1.876-17 1.246-18 5.200-20 7.036-17	2.71E-16 5.71E-16 7.71E-16 1.20E-19 1.20E-17 1.30E-17 1.30E-18 8.13E-17
on Tetrachloride roform ichlorobenzene jichloroethane jichloroethane jichloroethane jichloropropane Arin Allorobenzene azine Arin extine thoride Alchoride A	5.12E-17 1.18E-19 NE - 16 1.16E-17 1.10E-17 2.99E-18 4.02E-17 4.02E-17 7.80E-17	8.89E-19 3.54E-19 2.05E-21 1.87E-17 1.24E-18 5.20E-20 7.03E-17 1.66E-15	2.71e-16 1.20e-19 NE 2.50e-17 1.64e-18 8.13e-17 4.60e-15
roform ichlorobenzene ichloroethane ichloroethane ichloroethane ichloropenee Arin azine All chloride All chlo	2.71E-16 NE - 19 NE - 10 1.452E-18 1.452E-18 2.91E-17 4.02E-11 4.16E-19 7.80E-19	3.54E-19 2.05E-21 NE 1.87E-17 1.24E-18 5.20E-20 7.03E-17 1.66E-15	2.50e-19 1.20e-19 2.50e-17 1.44e-16 3.05e-18 8.13e-17
Dichlorobenzene Dichloroethane Dichloroethane Dichloroethene Dichloropropane Arin Ahlorobenzene Azine Alchloropropane	1,18e-19 NE-16 5,32e-18 1,43e-16 1,10e-17 4,02e-11 4,02e-17 5,82e-19	2.05E-21 NE 1.87E-17 1.24E-18 5.20E-20 7.03E-17 1.66E-15	1.20E-19 NE 2.50E-17 1.44E-16 3.05E-18 8.13E-17 4.60E-15
Dichloroethane Jichloroethane Jichloroethane Jichloropropane Arin Arin Arin Arine Allorobenzene Azine Alloroprojae Alloroprojae Alloride	NE 6.32E-18 1.43E-16 2.99E-18 1.10E-17 2.91E-15 4.02E-19 5.82E-19	NE 1.24E-17 1.24E-18 5.20E-20 7.03E-17 1.69E-15 5.54E-10	2.50E-17 1.44E-16 3.05E-18 8.13E-17 4.60E-15
Jichloroethane Jichloroethene Jichloropropane Arin Allorobenzene Allorobenzene Alloride Alchloride Hylphenol methyl hydrazine trosodimethylamine	6.32E-18 1.43E-16 2.99E-18 1.10E-17 2.91E-15 4.16E-19 5.82E-19	1.24E-17 1.24E-18 5.20E-20 7.03E-17 1.69E-15	2.50E-17 1.44E-16 3.05E-18 8.13E-17 4.60E-15
ichloroethene ichloropropane frin chlorobenzene are /l chloride /lene chloride thylphenol nethyl hydrazine trosodimethylamine	7.43e-16 7.99e-18 7.02e-17 4.16e-19 7.80e-17	1.24E-18 5.20E-20 7.03E-17 1.69E-15	1.44E-16 3.05E-18 8.13E-17 4.60E-15
Dichloropropane Arin Chlorobenzene azine Al chloride Alcherol Anthylphenol nethyl hydrazine trosodimethylamine	2.99E-18 1.10E-17 2.91E-15 4.02E-11 4.16E-19 5.82E-19	5.20E-20 7.03E-17 1.69E-15	3.05E-18 8.13E-17 4.60E-15
drin chlorobenzene azine azine chloride chloride chylphenol methyl hydrazine trosodimethylamine	1,10E-17 2,91E-15 4,02E-11 4,16E-19 5,82E-19 7,80E-17	7.03E-17 1.69E-15 5.56E-10	8.13E-17 4.60E-15
chlorobenzene azine ane /l chloride /lene chloride thylphenol nethyl hydrazine ertosodimethylamine	2.91e-15 4.02e-11 4.16e-19 5.82e-19 7.80e-17	1.69E-15	4.60E-15
azine ane Af chloride Aflene c		5.56F-10	
ane // chloride // chloride // thylphenol nethyl hydrazine grosodimethylamine 3			
// chloride //ene chloride //fene chloride //thylphenol nethyl hydrazine //trosodimethylamine 3	.82E-1	1.07E-18	1.49E-18
/Lene chloride 7 thylphenol nethyl hydrazine 8 trosodimethylamine 3 snzo(a)pyrene 3	.80E-1	2.08E-20	∵
thylphenol methyl hydrazine trosodimethylamine 3 snzo(a)pyrene		7.25E-19	7.87E-17
nethyl hydrazine Erosodimethylamine 3 snzo(a)pyrene		및	N.
trosódimethylamine 3 snzo(a)pyrene 3	.15E-	4.48E-11	
enzo(a)pyrene	3.84E-14	1.33E-12	1.375-12
anzo(a)pyrene 3			
	3.68E-14	1.77E-13	2.14E-13
	3.68F-15	1 77F-14	14F
h lonthrocone	Z 48E-17	1 795-12	J. L.
ממיוו) מוורוון מרכווה	יים יים	ב בי	1
	Z.	2	¥
80	8.16E-15	2.18E-14	2.99E-14
Tetrachloroethene 4	4.20E-20	1.13E-20	5.33E-20
Trichloroethene	1.49E-18	2.59E-20	1.52E-18
	1 71F-18	4 50F-18	6 30F-18
horida	2 20E-17	7 10E-18	2 40E-17
	Z. 7/7. 11	3.101.10	Z.00E-19
INORGANICS			
Arsenic 1	1.19E-12	NA	1.19E-12
	2.82E-15	NA	2.82F-15
(VI)	2.95E-15	AN	2,95F-15
Total 4	4.24E-11	6.03E-10	6.45E-10

AL	TOTAL LIFETIME CARC. RISK	6.256-14 1.10e-16 1.10e-16 1.56-17 1.556-17 1.30e-16 1.14e-14 1.14e-18 1.49e-18 1.49e-19 1.49e-19 1.49e-19 1.49e-19 1.49e-19 1.49e-19
AK	DERMAL EXPOSURE CARC. RISK	2.04E-19 2.48E-18 8.71E-20 8.71E-21 8.7
AJ	FISH INGESTION CARC. RISK	5.13E-26 1.43E-21 4.89E-26 7.11E-23 NA NA NA 1.14E-19 6.61E-26 0.00E+00 1.73E-20 0.00E+00 1.73E-18 8.19E-20 NA NA NA NA NA NA NA NA NA NA NA NA NA
AI	SOIL/DUST INGESTION CARC. RISK	2.87E-19 3.48E-18 1.05E-20 1.22E-19 NA NA NA NA NA NA NA NA NA NA NA NA NA
АН	BEEF INGESTION CARC. RISK	1.346-19 1.086-21 1.086-21 3.856-22 3.856-22 NA
AG	MILK INGESTION CARC. RISK	NA 3.35E-21 7.46E-19 1.21E-21 NA NA 1.84E-22 1.69E-17 5.88E-17 1.69E-15 1.06E-18 1.06E-18 1.06E-18 1.06E-18 NA NA NA NA NA NA NA NA NA NA NA NA NA
AF	VEGETABLE INGESTION CARC. RISK	7.06E-17 4.32E-16 1.96E-18 2.40E-18 8.19E-16 1.07E-18 8.19E-16 1.07E-18 8.60E-10 2.39E-11 2.26E-14 5.91E-15 NA NA NA NA NA NA NA NA NA NA
AE A CARCINOGENIC RISK	BREAST MILK INGESTION CARC. RISK	2.17E-16 2.61E-17 2.61E-17 3.54E-19 3.54E-19 3.54E-19 3.54E-19 1.24E-18 1.24E-18 1.07E-18 1.35E-10 1.77E-14 1.33E-20 2.59E-20 2.18E-14 1.77E-14 1.77E-14 1.77E-14 1.77E-14 1.77E-14 1.77E-18
AD TABLE 32 TOTAL LIFETIME	INHALATION CARC. RISK	6.23E-14 1.61E-17 1.76E-16 6.86E-18 6.86E-19 1.29E-16 1.05E-17 2.06E-17 1.05E-19 1.05E-19 9.30E-14 9.30E-14 1.06E-19 1.06E-17 7.12E-18 5.72E-18 7.12E-18 7.12E-19 7.12E-19 7.12E-19 7.12E-19
U	RES-A BASE CASE	Acrylonitrile Aldrin Aldrin Aniline Benzene Bisk2-ethylhexyl)phthalate Carbazole Carbazole Carbon Tetrachloride Chloroform 1,4-Dichlorocthane 1,1-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,1-Dichlorocthane 1,1-Dichlorocthane 1,1-Dichlorocthane 1,1-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 2,0-Dichlorocthane 2,0-
A 98 99 100	101 102 103 RES-A 104 BASE (105	

	TABLE 33 TOTAL LIFETIME	CARCINOGENIC	RISK	
	INHALATION CARC. RISK	INGESTION CARC. RISK	DERMAL CARC. RISK	TOTAL LIFETIME CARC. RISK
April on the last	1 775 1	777 7		7 2 2 2 2 7
	41.25.14	0 -11 -10	AN CO	P. 202-14
	1-01E-1/	V. 33E- 17	Z.04E-19	1.10E-10
	1.96E-16	6.53E-16	2.48E-18	8.51E-16
Benzene	5-70E-18	2.61F-21	NA	5.70F-18
Bio(2-othyl boxyl)mbtholete	00 1	1000	7 // 24	100
rus ruevs cypii ruarare	2.00E-19	4.3%E-10	7-30+·/	D. 10E-10
Carbazole		9.51E-18	8.71E-20	1.65E-17
Carbon Tetrachloride		8 805-10	VIV	1 ZOE 14
201 001000000	1000	0.07	2	1.30E-10
Chlorotorm		3.54E-19	Ž	6.85E-16
4-Dichlorobenzene	2 ORF-10	2 OSE.21	NA	Z 00E-10
the contract		2.00.2	2 :	1 - 30°C
nloroethane		¥	W.	2
1,2-Dichloroethane	1.60E-17	7.20E-17	2.03E-19	8.81E-17
chloroethene	_	-47C	NA	3 62F-16
horopropage	7 575-19	202 20		7 425.40
September of the parties	2 705	0.505.50	2	7.065 10
	Z./8E-1/	8.9UE-10	5.55E-19	9.18E-16
Hexachlorobenzene	7.36E-15	4.00E-15	9.33E-17	1.14E-14
Hydrazine	1.02E-10	1.134-08	2 26F-13	1.14F-08
indana	1 055-18	1 K2E-10	1 225 20	2 EOE - 10
Market at landal	271	0 200	225.	2000
cutoride		Z-USE-20	A	1.49E-18
Methylene chloride	1.97E-16	7.25E-19	Ä	1.98E-16
4-Methylphenol	HZ	HN	4	42
Honomothy hydronius	2 170	2	2 127	27.1
CIIN I IIN AZIIIE	Z-100-7	Y-02E-10	Z.01E-14	7.07E-10
n-Nitrosodimethylamine	9.72E-14	2.52E-11	1.23E-15	2.53E-11
Renzo(a)myrene	O ZOE-17	1 005-12	2 22E-1E	2 075.17
בסים אלאו פוופ	7.30E-14	1.000	CI -3C7.7	2.035-13
Chrysene	9.30E-15	2.05E-14	2.23E-16	3.01E-14
Dibenzo(a.h)anthracene	O 30F-14	1 025-13	2 235-15	2 87E-13
	100		2	10.1
Parathion	¥	W.	NA.	¥
Quinoline	2.06E-14	4-48E-14	2.62E-16	6-56F-14
Totrophionothone	06 730 4	111		277
ונחו חברוובווב	1.00E-19	1.135-20	d'A	-1/6-19
Irichloroethene	3.77E-18	2.59E-20	AX.	3.80E-18
	4 335-18	0 825-18	~	1 1.25-17
	4.335	7.0CE-10		1 - 4 CE - 1/
Vinyl chloride	5.79E-17	3.10E-18	A	6.10E-17
Arsenic	Z 025.12	2 515-16	1, 175-15	Z 05E-12
: د	2, 12, 12, 12, 12, 12, 12, 12, 12, 12, 1	#1 -31E-14	d . 1 . 4 . 4	31.350.0
Cadmium	7.12E-15	X X	A V	7.12E-15
Chromium (VI)	7.46E-15	NA	NA	7.46E-15
	1 075-10	1 225.00	27 727 6	4 325 00

155	S		ш	u.
156		TABLE 34	5	011100111
158		EFFECTS (mg/kg-day)	day)	NONCARCINOBENIC
159				
160		Inhalation	Oral	Dermal
161	RES-A BASE CASE	RfD	RfD	RfD
163	DA3E			
164				
165				
166	ORGA		;	1
16/		1.82E+00	1.00E-01	NC.
202	Acetonitrile	1.00E-02	6.00E-02	3.00E-02
169		4.39E-03	2.70E-04	2
22		2.55E-04	3.00E-05	1.50E-05
171	Aniline	7.76E-03	1.95E-03	9.75E-04
25	Atrazine	5.10E-03	5.00E-03	2.50E-03
123	Benzaldehyde	1.00E-01	1.00E-01	5.00E-02
175	Benzene	5.26E-02	1.00E-03	2 20
175	Benzoturan Benzoia faid	5.00E-05	5.00E-03	2.50E-03
177	Benzon: 4c1d	4.00E+00	4.00E+00	Z. UUE+UU
178	Benzothiere	8.00E-03	8-00E-03	4.00E-05
170	Binbend	1.00E-05	F 00E-03	5.00E-04
180	Bis(2-ethvihexvi)ohthalate	5 10E-03	4 OUE-03	1 00F-02
181	Carbazole	5.00E-03	5-00E-03	2.50F-03
182	Carbon Tetrachloride	3.16E-02	7.00E-04	NC ON
183	4-Chloroaniline	4.00E-03	4.00E-03	2.00E-03
184	Chlorobenzene	5.00E-03	2.00E-02	SC
185	4-Chlorobiphenyl	2.45E-02	2.45E-02	1.22E-02
186	4,4-Chlorobiphenyl	2.33E-02	2.33E-02	1.16E-02
187	Chloroethane	2.65E+00	NA	S.
000	Dibonaction	?	1.00E-02	2
190	Dichlorohemzenes (total)	NA 00E-02	O 00 -02	K Z
19.	1.1-Dichloroethar	1 005-02	1 005-02	בּב
192	_	4.08F-02	4. 80F-07	2 45F-03
193	_	2.04E-02	9.00E-03	S
194		8.10E-01	2.00E-02	SC
195	_	3.54E-01	8.60E-03	S
196		2.55E-04	5.00E-05	2.50E-05
100		8.10E-03	8.10E-03	NC NC
100	uvdnozino	8.00E-04	8.00E-04	4.00E-04
202		7 10E-04	2 00E-04	3.00E-04
201		1.02F-02	2.00E-02	1.00F-02
202		1.05E-01	1.80E-02	
203	Methyl	8.57E-01	6.00E-02	2
504		9.00E-02	5.00E-01	2.50E-01
205		1.02E-02	5.00E-02	2.50E-02
506	Ξ	1.94E-05	.20E	1.10E-04
207		5.10E-02	4.00E-03	2.00E-03
208	Naphthalene carbonitrile	5.10E-02	4.00E-03	2.00E-03
202	n-Nitrosodimethylamine	2.80E-04	2.80E-04	1.40E-04
212	AAAS AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	7 005 03	CO. 100	20 700 7
212	Acenaphthene	6.00E-02	6.00E-02	3,00E-02
213	Benzo(a)pyrene	3.00E-02	3.00E-02	1.50E-02
214	Chrysene	3.00E-02	3.00E-02	1.50E-02

LL.	1.50E-02	2.00E-02	2.00E-02	1.50E-02	1.50E-02	3.00E-03	4.00E-04	3.00E-01	S	1.00E-01	1.50E-04	S	NC	1.00E-02	NC	6.10E-04	4.00E-04	S	S	NC			5.00E-05	5.00E-05	NO.	2	NC	S	1.50E-05	N.	N	NC	
ш	3.00E-02	4.00E-02	4.00E-02	3.00E-02	3.00E-02	6.00E-03	8.00E-04	6.00E-01	1.00E-03	2.00E-01	3.00E-04	1.00E-02	2.00E-01	2,00E-02	7.35E-03	1.22E-03	8.00E-04	1.00E+00	1,30E-03	2.00E+00			1.00E-03	1.00E-03	S	NC	3.80E-02	S	3.00E-04	SC	NC	2.00E-01	
D TABLE 34		4.00E-02	4.00E-02	3.00E-02	3.00E-02	5.10E-05	8.00E-04	1.94E-02	1.63E-02	2.00E-01	3.00E-04	3.46E-01	5.71E-01	3.00E-03	2.74E-01	1.22E-03	8.00E-04	2.00E-01	1.33E-02	8.57E-02			2.04E-04	5.10E-05	5.10E-04	5.10E-05	1.00E-02	1.02E-03	8.57E-05	2.04E-04	1.02E-05	8.19E-03	
v	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Parathion	Pentachlorobenzene	Phenol	Pyridine	Quinol ine	Tetrachlorobenzene	Tetrachloroethene	Toluene	Trichlorobenzene	Trichloroethene	Unsym. dimethyl hydrazine	Vapona	Vinyl acetate	Vinyl chloride	Xylenes (total)		INURGANICS	Arsenic	Cadmium	Chromium (III)	Chromium (VI)	Copper	Iron	Mercury	Selenium	Silver	Zinc	
8																						ž											
155	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	255	430	237	238	239	240	241	242	243	544	245	246	

0	TOTAL ADULT HAZARD INDEX	2.5.50E-12	
z	DERMAL EXPOSURE HAZARD QUOTIENT	8.66.4 8.66.14 1.508.16 1.508.16 1.508.16 1.508.16 1.508.16 1.508.17 1.608.16 1.608.17 1.608.16 1.608.17 1.028.17 1.028.17 1.028.17 1.028.17 1.028.17 1.028.17 1.028.17 1.028.17 1.028.17 1.028.17 1.028.17 1.028.17 1.028.17 1.028.17	4.33E-15
Σ	FISH INGESTION HAZARD QUOTIENT	1.29E-19 9.36E-23 1.20E-16 0.00E+00 0.00E+00 2.51E-19 1.11E-16 5.49E-21 2.45E-21 2.45E-22 6.61E-19 2.45E-22 6.61E-19 1.17E-20 1.17E-	4.67E-18
-1	SOIL/DUST INGESTION HAZARD QUOTIENT	1.18E-15 2.04E-16 4.91E-16 1.18E-15 1.76E-16 2.22E-16 1.22E-13 2.29E-16 1.22E-16 1.22E-17 1.22E-16 1.22E-16 1.22E-17 1.23E-17 1.38E-17 1.47E-17 1.47E-17 1.47E-17	5.89E-15
¥	BEEF INGESTION HAZARD QUOTIENT	1.57E-17 1.57E-17 1.57E-17 1.55E-18 1.44E-18 1.12E-18 1.12E-18 1.12E-18 1.12E-18 1.15E-16 1.16E-21 1.55E-19	9.63E-15
7	MILK INGESTION HAZARD QUOTIENT	4.04E-17 4.83E-14 4.83E-14 4.83E-14 4.83E-14 4.33E-18 3.87E-18 3.87E-18 3.62E-20 5.63E-16 1.07E-17 1.07E-17 1.09E-13 1.06E-16	8.25E-14
I NDEX	VEGETABLE INGESTION HAZARD QUOTIENT	2.05e-10 1.53e-11 1.53e-11 1.53e-11 1.53e-11 1.53e-11 1.53e-11 1.53e-11 1.53e-11 1.53e-11 1.53e-12 1.35e-15 1.35e-15 1.03e-12 1.03e-15 1.03e-15 1.05e-15 1.05e-16	2.61E-15
H TABLE 35 ADULT HAZARD INDEX	INHALATION HAZARD QUOTIENT	6.94E-15 1.14E-09 1.14E-09 6.96E-14 8.28E-11 1.03E-12 1.03E-12 1.03E-15 1.0	9.55E-12 0.57E-13
co m	RES-A BASE CASE	Acetonitrile Actonitrile Acryonitrile Acryonitrile Acryonitrile Aldrin Aniline Atrazine Benzaldehyde Benzaldehyde Benzonitrile Benzonitrile Benzonitrile Benzonitrile Benzonitrile Benzonitrile Benzonitrile Benzonitrile Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbazole Carbon Tetrachloride 4-Chlorobiphenyl Linoroethane Chlorobenzene Chlorobenzene Chlorobenzene 1,2-Dichloroethane 1,2-Di	Benzo(a)pyrene Chrysene
155 158 158 158			212

4.33E-15 3.25E-15 3.25E-16 1.69E-18 8.66E-15 5.36E-14 4.25E-19
2.65E-15 NA 7.30E-19 3.35E-18 5.35E-17 NA NA
N K K K
2.29E-18 1.18E-14 7.29E-18 2.71E-14 5.78E-19
8.55E-20 1.37E-15 8.15E-20 2.60E-15 4.50E-22
1.02E-14 3.84E-19 1.88E-14 1.21E-21
7.31E-13 4.64E-16 2.41E-12 1.87E-16
4.39E-11 2.89E-14
Pentach Lorobenzene Phenol

TABLE 36 R S T U U U U U U U U U	×	TOTAL RE CHILD HAZARD IT INDEX	1.57e-14 1.57e-14 1.57e-14 1.57e-16 1.15 2.50e-19 2.50e-13 1.86e-12 1.86e-12 1.86e-12 1.86e-12 1.86e-12 1.86e-12 1.86e-12 1.86e-12 1.86e-12 1.86e-12 1.86e-12 1.86e-12 1.86e-14 1.86e-12 1.86e-13 1.96e-14 1
Continue	3	DERMAL ION EXPOSURE D HAZARD NT QUOTIENT	0 0000 000 0 0 0 0 0 0 0 0 0 0 0 0
C	>	⊢ ≥	5 5555 555 55 55 55 55 55 55 55 55 55 5
TABLE 36	5		- 47888 10028 4F 0 80 0 10 110 110 110 110 110 110 110 1
C TABLE 36 CHILD HAZARD INDEX CHILD HAZARD INDEX CHILD HAZARD INDEX CHILD HAZARD INDEX CHILD HAZARD INGESTION INGESTION INGESTION INGESTION INGESTION INGESTION INGESTION INGESTION INGESTION Index CONTIENT CACHO	s		ש במשש בסתט פר ב שר - מ - ב שטאב אבטברב מ
C	_		NA NA NA NA NA NA NA NA NA NA NA NA NA N
E contrile contrile contrile ine zine aldehyde aldehyde aldehyde aldehyde aldehyde aldehyde aldehyde aldehyde aldehyde aldehyde and azole trile contrile trile cobpiphenyl cobpiphenyl cobpiphenyl cobpiphenyl cobpiphenyl cobpiphenyl cobpiphenyl cobpiphenyl cobpiphenyl cobpiphenyl cobpiphenyl cobpiphenyl cobpiphenyl cobpiphenyl cobpiphenyl ichloroethane ichloro	g 36 HAZARD	LATION ZARD TIENT	4 4014 4414 61 1 41 4 1 1 1 1 1 1 1 1 1 1 1
		ASE	cs etone etonitrile drin iline razine nazalehyde nazalehyde nazalehyde nazalehyde nazolitrile nazolitrile nazolitrile nazonitrile nazolitrile nazole bbazole bbazole bbazole r-Chlorobiphenyl orobenzene hlorobiphenyl orobenzene norobenzene hlorobiphenyl orobenzene -Dichloroethene -Dichlo

	υ	o	œ	S	-	D	>	3	×
1020	Dibonzo(a h)enthracena	1ABLE 36	1 047 47	777 17	7 077 47	772 47	TOO I	16 707 7	2 225 44
JUZUL Juzul	Ulberizo(a, n)anthracene	2.13E-11	4.97E-15	5.72E-15	2.8/E-14	5.52E-14	5.98E-15	3.62E-14	2.2/E-11
	בו עם	1.016-1	4.69	40E-14	1.3%	3.99E-14	NA.	4. 12E- 14	1.0/E-11
ruorene	an an	1.61E-12	5.22E-14	4.04E-16	2.96E-17	3.99E-15	1.65E-18	2.72E-15	1.67E-12
lant	Phenanthrene	8.38E-15	2.47E-16	3.10E-18	2,13E-19	2.07E-17	7.57E-18	1,41E-17	8.67E-15
Pyrene		4.30E-11	1.28E-12	5.87E-14	3.42E-15	1.06E-13	1.21E-16	7.24E-14	4.45E-11
Parathion		3.13E-12	8.20E-16	2.22E-18	2.03E-19	6.58E-17	1.19E-22	4.49E-17	3.14E-12
lor	Pentachlorobenzene	9.91E-11	4.04E-12	1.09E-13	6-48E-15	2.45E-13	AN	1.67E-13	1.04E-10
			3.14E-16	6.99E-21	1.12E-21	5.22E-18	AN	3.56E-18	6.57E-14
Pyridine			AN	W	AN	AN	AN	AN	4.33E-10
Quinoline			2.36E-14	2.26E-18	3.43E-19	8.98E-16	7.16E-20	6.12E-16	3.89E-13
lord	Tetrach orobenzene		8.57E-12	3.18E-14	2.34E-15	3.21E-13	AN	2.19E-13	1.39F-10
lore	etrachloroethene		NA.	NA	NA	NA	AN	NA	3.93F-15
roluene		3.80E-14	AN	NA	AN	AN	A	W	3.80F-14
robe	Trichlorobenzene	6.57E-12	2.67F-14	1,13F-16	O 63F-18	2 44F-15	1_08F-18	1-66F-15	6.61F-12
roet	richloroethene	5.30E-14	NA	NA	NA	MA	NA	NA	5 30F-14
dime	Unsym. dimethyl hydrazine	2.56E-07	2.91F-06	1 84F-14	3 12F-15	6 33F-10	8.13F-17	4.315-10	3 17F-06
		7.90E-13	5.916-14	2.45F-18	3 05F-10	1.05F-15	5.97F-22	1 33F-15	8.52F-13
Vinyl acetate	Ite	4-48E-14	NA	WA	NA	NA	NA	AN	4.48F-14
Vinyl chloride	ide	6-25E-13	AN	AN	A	AN	AN	AN	6.25F-13
(to	Xylenes (total)	1.81E-14	N	AN	NA	NA	NA	NA	1.81E-14
Arsenic		4.17E-08	1.87E-10	6.24E-11	3.31E-13	2.10E-11	9.84E-12	1.43E-11	4.20E-08
Cadmium		9.68E-10	1.15E-12	7.33E-14	8.82E-16	1.22E-13	AN	8.31E-14	9.69E-10
Chromium (III)	(11)	4-29E-10	AN	NA	NA	A	A	NA	4.29E-10
Chromium ((VI)	1.51E-10	A	AN	AN	Z	NA.	WA	1.51E-10
		3.24E-11	AN	Z.	AN	A	3.14E-14	WA	3.24E-11
		7.70E-06	NA	N N	A	AN	NA	AN	7.70E-06
Mercury		3.73E-09	2.54E-11	6.82F-13	1_00F-11	2.63F-12	AN	1.79F-12	3.77F-00
Selenium		4.74E-09	NA	NA	NA.	NA.	AN	NA.	4.74E-09
		01.325.70	MM	NA.	2	22	NA	NA	7. 33E-10
		3.10E-10	AN	NA	AN	NA.	2.296-14	NA	3,106-10
Haze	Total (Hazard Index)	1.40E-05	2.07E-05	6.74E-11	1.146-11	2.60E-09	9.90E-12	1.77E-09	3.47E-05
							-		

AA AB DEX	BREAST MILK TOTAL INGESTION INFANT HAZARD HAZARD QUOTIENT INDEX	3.24E-15 1.35E-14 1.44E-09 3.13E-09 8.22E-11 1.72E-09	2.91e-12 3.01e-12 1.37e-09 1.49e-09 3.05e-12 4.20e-12		(4,-(710		L 1	1.05E-15 1.37E-13 2.70E-15 1.58E-13 2.06E-12 3.06E-12										.10E-12	3.60E-11 5.01E-11 3.59E-12 5.00E-12
Z TABLE 37 INFANT HAZARD INDEX	INHALATION BR HAZARD II QUOTIENT Q		1.03E-13 1.22E-10 1.15E-12							1.56E-13 1.56E-13 1.10E-13	<u>5</u>		202	34.	7.	ار کا	13	.71E-14	9.07E-11 1.88E-10		1.41E-11
U	CASE	NICS Acetone Acetonitrile Acrylonitrile	Aldrin Aniline Atrazine Bazzeldahyda	Benzele Benzefue Benzofue Benzofe Acid	Benzonitrile Benzothiazole Biphenyl	Bis(2-ethylhexyl)phthalate Carbazole Carbon Tetrachloride	4-Chloroaniline Chlorobenzene	4-Cnlorobiphenyl 4,4-Chlorobiphenyl Chloroethane	Chloroform	niorobenzenes (total) -Dichloroethane -Dichloroethane	1,1-Dichloroethene	1,2-Dichloropropane Dieldrin	Hexachlorobenzene Hydrazine	Lindane	Methyl chloride	Methylene chloride Methyl ethyl ketone	4-Methylphenol	Naphthalene	Naphthalene carbonitrile n-Nitrosodimethylamine	S Acenaphthalene	Benzo(a)pyrene Chrysene
555 B 577 S 58 58 58 58 58 58 58 58 58 58 58 58 58	RES-A BASE	66 ORGANICS 67 Acet 68 Acet 69 Acry				Car	2-45 2-15	-4-4- Ch.1	유 당 당 당 당	2		oje Oje	Hex	Lin	Met	Met Met	M-M	Nap	de c	PAHS	

۵	A	82.1200 82.1181 0.0000 0.0000 0.0018	0.0013	12.1038 12.1026 0.0000 0.0000 0.0012 0.0000	0.0008	4.9031
	BASE CASE Adult Inhalation	Ingestion Vegetables Milk Beef Soil\Dust	Dermal Child Inhalation	Ingestion Vegetables Milk Mief Soil/Dust Fish	Dermal Infant Inhalation	Breast Milk Ingestion Total
Φ						
253 254 255 255 256 257	259 260 261 261 261 261	264 264 267 268 268 268 268	272 272 273 273	275 276 277 278 279 280	282 284 284 285	287 288 290

66		TABLE 39	
100		ADULT INHALATION CAR	CARCINOGENIC RISK
3 =		(These numbers are tor sensitivity analysis)	or sensitivity
		(Colo) (Spin)	
103 RE	RES-A	INHALATION	
	BASE CASE	ADULT	
105		CARC.	
90		RISK	
	SOLITION		
100	Action	77.1	
10	* April	3.34E-14	
2 =	Audin	8.62E-18	
- 5	Donacho	2 OFF 10	
J M	Dis 2-othylhoxyl Yahthalata	3 155 10	
14	Carbazole	3 475-19	
5	Carbon Tetrachloride	A 07E-17	
16	Chloroform	3,675-16	
17	1.4-Dichlorobenzene	1.60F-10	
8	1.1-Dichloroethane	T I	
6	1.2-Dichloroethane	K	
20	1,1-Dichloroethene	- 4-	
-	1.2-Dichloropropane		
122	Dieldrin	1.49E-17	
23	Hexachlorobenzene	3.94E-15	
54	Hydrazine		
2	Lindane		
126	Methyl chloride	7.87E-19	
2	Methylene chloride	1.06E-16	
82	4-Methylphenol	및	
0:	Monomethyl hydrazine	. 10E	
2:	n-Nitrosodimethylamine	5.20E-14	
<u>-</u> :	PAHS		
21	Benzo(a)pyrene	4.98E-14	
5:	Chrysene	-38E-	
54	Dibenzo(a,h)anthracene	4.98E-14	
Ω;	Parathion	E S	
9 !	duinol ine	1.10E-14	
35	Tetrachloroethene	5.68E-20	
200	Irichloroethene	2.02E-18	
2	Vapona	2.32E-18	
07	Vinyl chloride	3.10E-17	
141			
	INORGANICS		
143	Arsenic	1.62E-12	
144	Cadmium	3.81E-15	
145	Chromium (VI)	3.99E-15	
146			
241	Total	5.73E-11	
148			
149		INHALATION	2 YEARS

9.1.2 Sensitivity Case Emissions - Resident A

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20-Jun-91
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SENSITIVITY CASE	20-Jun-91	ER	AC AVG. ANN.	D TOTAL DEPOSITION	D DRY DEPOSITION	CO AVERAGE CALCULATED CONC IN	CO MAXIMUM CALCULATED	CO AVERAGE CALCULATED CONC IN
	13:35:21 RES-A	RATE g/sec	CONC.	RATE g/M2/yr	RATE g/M2/yr	SOIL .2M mg/Kg	SOIL .2M mg/Kg	SOIL .1M mg/Kg
Acetone		1.26E-10	4.42E-11	NA 52E-10	1 48E-10	NA 2 4.45-00	NA NZE-00	NA /
Acrylonitrile		4.85E-08	1.70E-08	NA	X.	¥.	NA N	N N
Aldrin		1.77E-13	6.21E-14	5.47E-1	.60E-1		.84E-1	7.57E-
Aniline		6.41E-09	2.25E-09	1.98E-1	42E-1	.37E-	.39E-1	2.74E-
Atrazine Ronzel debude		3 925-10	1 02E-11	- 0	5.82E-14		8.59E-13	1.69E-
Benzene		3.67E-11	1.29E-11	NA NA	NA N	NA	NA NA	AN NA
Benzofuran		1.42E-08	4.98E-09	4.39E-1	-	.04E-	.08E-1	0
Benzoic Acid		1.43E-09	5.02E-10	.4	2.10E-12	.06E-	. 10E-1	=
Benzonitrile		3.12E-08	1.10E-08	9.64E-1	.59E-1	6-67E-10	6.77E-10	-
Benzotniazole		1.55E-11	4.6/E-12	4.1	1.96E-14	.84E-	.88E-1	NO.
Biphenyl bourd	Laber Laber	7.45E-US	5.02E-09	NA C	AN	NA NA	¥.	
o istareniy meky i John matate Carbazolo	pirmarare	6 61E-11	2 255-12	4.0	0 725-14	1 27F 13	1./0E-13	36E-
Carbon Tetrachloride	ide	1.86E-10	6.53E-11		NA NA		NA NA	
4-Chloroaniline	2	3.67E-12	1.29E-12		5.39F-15	7.84F-14	7 OFF-14	1 57F-1
Chlorobenzene		8.82E-12	3.10E-12		AN	×	N.	
4-Chlorobiphenyl		9.04E-12	3.17E-12		.33E-1	.93E-1	.96E-1	3.86E-
4,4-Chlorobiphenyl	پ.	4.55E-13	1.60E-13	•	-969	.73E-	9.87E-15	
Chloroethane		3.24E-10	1.14E-10			_	.03E-1	1.39E-1
Dibenzofuran		1.30E-09	1 005-10	α	/ 10E-12	A 00E-12		AN L
Dichlorobenzenes (total)	(total)	3.67E-11	1.29E-11	NA NA	NA NA	NA NA	N AN	
1,4-Dichlorobenzene	nzene	2.32E-12	8.14E-13		NA	NA	N.	AN
ichloroethan	ď	1.05E-10	3.69E-11	NA	NA	K		AN
ichloroethan	ø	3.28E-11	1.15E-11	_	4.82E-14	7.01E-13	7.11E-13	1.40E-1
1, 1-Dichloroethene	o i	5.62E-11	1.9/E-11		AN:	Y.	AN :	YZ:
1,2-Dichleroetnene	e 6	7 COE - 11	7 ZOF 13		Z :	A.	Y.	Y.
icitto opropa	<u>n</u>	2 25E-12	1 1/5-12	-	NA 705-16	A OFF. 45	NA VET 45	AN TOT
Dimethyldisulfide		8.93E-11	3, 13E-11	NA NA	NA IN	NA NA	NA NA	
Hexachlorobenzene		8.59E-10	3.02E-10	2.65E	1.26E-12	84E	36F	8
Hydrazine		1.11E-06	3.90E-07	3.4	1.63E-09	.37E	1	4.75E-0
Lindane		1.51E-13	5.30E-14	4.67E	2.22E-16	3.23E-15	3.27E-15	46E
Malathion		4.46E-13	1.57E-13	1.38E-1	6.56E-16	.53E	SZE	1.91E-1
Methyl chloride		4.36E-11	1.53E-11		NA	NA	NA	Z
Methylene chloride	Ø)	2.63E-09	9.23E-10		NA	AN	NA.	N
Methyl ethyl ketone	Je	5.51E-11	1,93E-11	-	8.10E-14	.18E-	1.19E-12	36F
4-Methylphenol		5.00E-11	1.76E-11	_	7.35E-14	07F-	086	145
Monomethyl hydrazine	eu :	3.50F-07	1.23F-07	-	5, 14F-10	48E-	7 505-00	102
Nanhthalene	2	5 ONE-12	2 07E-12	-	47	265	286	7.00
Naphthalene carbonitrile	itrile	3 12F-08	1,10F-08	0	Š	67E-	776.	775
n-Nitrosodimethylamine	mine	3 56F-10	1 25F-10	1 10F-12	5 27F-13	7 61E-12	7 725-12	1 525-11
oscal ment year		300.0	2 7 7 7 7 7	-	3		1771	ישכני
Acenaphthalene		42	98F	39F-1	09F-1	1-47U	08F-1	076.
Acenaphthene		1.42E-09	4.98E-10	4.39E-12	2.09E-12	3.04E-11	3.08E-11	6.07E-11
		-	000	1000	TON			L

¥	1.24E-11 1.24E-10 1.24E-10 1.24E-11 4.81E-14 5.06E-14 1.52E-11 2.43E-13 NA 1.39E-11	NA 3.78E-12 NA 1.21E-13 NA NA	1.84E-09 1.34E-11 NA NA NA 7.07E-11 8.76E-11 NA
7	1.22E-11 1.22E-10 1.22E-10 1.22E-11 4.75E-14 3.02E-14 1.50E-11 2.39E-13 NA 1.37E-11	NA NA NA NA 1.19E-12 NA NA NA	1.81E-09 1.33E-11 NA NA NA 6.97E-11 8.64E-11 OC = OC =
-	6.18E-12 6.18E-11 6.18E-11 6.18E-12 2.41E-14 1.54E-10 1.53E-14 7.59E-12 1.21E-13 NA NA NA NA NA NA NA S.73E-12	NA NA 1.896-12 NA 2.99E-08 6.05E-14 NA NA	E-10 9.19E-10 A NA
Ŧ	6.09E-12 6.09E-11 6.09E-11 6.09E-11 1.22E-10 1.51E-14 7.48E-12 1.20E-13 NA NA 8.86E-12 3.68E-12	NA NA 1.86E-12 NA 2.95E-08 5.96E-14 NA NA	9.06E-10 9.19 6.63E-12 6.72 NA N
g	4.19E-13 4.19E-12 4.19E-12 1.63E-15 1.04E-15 1.04E-15 1.04E-15 1.04E-15 1.04E-15 1.04E-15 1.04E-15 1.04E-15 1.04E-15 1.04E-13 1.04E-13	NA NA 1.286-13 NA 2.036-09 4.106-15 NA NA	6.23E-11 9.06E- 4.56E-13 6.63E- NA NA NA NA NA NA 2.40E-12 3.48E- 2.97E-12 4.32E- NA N
ш.	8.81E-13 8.81E-12 8.81E-12 3.43E-15 1.76E-11 1.73E-14 1.73E-14 NA NA NA S.51E-13	2.69e-13 NA 4.26e-09 8.62e-15 NA NA	9.58E-13 NA NA N
ш	1.00E-10 1.00E-09 1.00E-10 2.00E-09 2.48E-13 1.23E-10 1.97E-12 1.10E-08	3.36e-11 3.36e-11 3.06e-11 2.25e-11 9.79e-13 1.39e-11 1.29e-11	1.49E-08 4.41E-10 1.09E-10 1.55E-11 1.11E-09 3.40E-05 5.72E-10 1.18E-10 5.02E-09
TABLE 1.A	2.85E-10 2.85E-09 2.85E-09 1.11E-12 5.70E-09 3.50E-12 3.12E-08 1.1.7E-08	9.58E-11 6.41E-11 6.41E-11 1.38E-06 2.79E-12 3.96E-11 5.67E-11	4.24E-08 3.10E-10 1.26E-09 4.42E-09 9.68E-05 1.63E-09 5.21E-09 3.24E-11 1.43E-08
ပ	Chrysene Dibenzo(a,h)anthracene Fluoranthene Fluorene Phenanthrene Pyrene Parathion Pentachlorobenzene Phenol Pyridine Quinoline Tetrachlorobenzene	ydrazine	Arsenic Cadmium Chromium (III) Chromium (VI) Copper I ron Lead Mercury Selenium Silver Zinc
A .	1288484586556	145558585E	
4			288 888 888 888 888 888 888 888 888 888

œ	1.20E-10 1.20E-10 1.20E-10 2.67E-14 2.36E-13 3.67E-12 3.67E-12 1.35E-13 1.17E-13 1.17E-13 NA NA N	D*AT*1000 SD*BD ER * x DF
œ	1.18E-10 1.18E-10 1.18E-10 2.93E-14 2.93E-14 2.32E-13 3.61E-12 3.61E-12 1.35E-13 1.16E-13 1.76E-09 1.29E-11 NA NA N	0) Q
۵	6.00E-12 6.00E-11 6.00E-11 1.34E-14 1.26E-10 1.49E-14 7.37E-12 1.18E-13 1.18E-13 1.18E-13 1.18E-13 1.18E-12 NA NA NA NA NA NA NA NA NA NA NA NA NA	
0	5.91e-12 5.91e-12 2.30e-14 1.18e-13 1.47e-14 7.26e-12 3.57e-12 NA 1.81e-12 NA 1.81e-12 NA 1.81e-12 NA 1.81e-12 NA 1.81e-12 NA NA NA NA NA NA NA NA NA NA NA NA NA	sec/yr or INHALATION DFI ctor DRY DRY DRY
Z	1.44E-13 1.44E-13 1.44E-13 2.88E-12 3.57E-16 1.77E-13 1.62E-14 8.69E-14 1.41E-15 1.57E-13 1.02E-13 1.02E-13 1.02E-13 1.03E-13 1.03E-13 1.41E-13 1.03E-13 1.43E-13 1.43E-13 1.43E-13 1.43E-13 1.43E-13 1.43E-13 1.43E-13 1.43E-13 1.43E-13 1.43E-13 1.43E-13 1.43E-13 1.43E-13	3.15E+07 sec/yr 3.15E+07 sec/yr Dilution Factor 1.22E-01 INHALATION S.05E-04 DRY 3.00E-03 DRY/WET
2E v	8.55E-13 8.55E-13 8.55E-13 3.33E-15 1.05E-12 1.05E-12 1.05E-14 1.0	Di De
ပ	Chrysene Dibenzo(a,h)anthracene Fluorene Phenanthrene Quinoline Tetrachlorobenzene Tetrachloroethene Toiuene Trichloroethene Trichloroet	
•	INOR	
A ,		103 105 105 108 109

18-Lun-91 RES-A (mg/Kg/day)	SENSIT	SENSITIVITY CASE	ABULT TOTAL E	Z TOTAL EXPOSURE - AVE	AVERAGE					
Ontirile 1.26E-14 M.		18-Jun-91 16:16:24 RES-A	INHALATION EXPOSURE (mg/Kg/day)	VEGETABLE EXPOSURE (mg/Kg/day)	MILK EXPOSURE (mg/Kg/day)	BEEF EXPOSURE (mg/Kg/day)	SOIL/DUST EXPOSURE (mg/Kg/day)	FISH CONSUMPTION (mg/Kg/day)	DERMAL EXPOSURE (mg/Kg/day)	TOTAL (mg/Kg/day)
ontirrile 1.26E-14 IN	RGANICS									
tion tritie (1986 - 198	Acetone	() · · · · · · · · · · · · · · · · · ·				NA TOT O	¥ ;	¥.	N.	1.26E-
in the control of the	Acrylon	itrile	84E-1			9.50E-19	2	9.		Z.55E-
a dehyde	Aldrin	2		.07E-	4.78E-20		1.08E-20	2.81E-27		2.10E-
aligned 3.77E+1 1.78E+1 1.58E+2 0.601E+2 2.74E+1 0.00E+0 <	Aniline		6.43E-13	.17E.	4.43E-19	1.73E-19	3.91E-16	2.33E-19		7, 15E-
and definition of the control of the	Atrazir	a.	3.97E-15	1.15E-16		6.01E-21	2.42E-18	0.00E+00		4.09E-
offuren of Autorian (1.428-19) 4.156-14 5.49E-18 8.67E-16 5.53E-19 5.09E-20 8.75E-17 5.09E-29 8.75E-17 5.09E-29 8.75E-17 5.09E-29 8.75E-17 5.09E-19 6.04E-17 5.09E-29 8.75E-17 5.09E-19 7.09E-19 1.05E-21 1.05E-19 7.09E-19	Benzalc	enyde	2.93E-13	1.60E-14		1.38E-19	1.78E-16	2.51E-20		3.09E-
onfizici di cici di ci	Renzofu	Car	1 425-12	Z Z		12L	NA 475-14	E EZE-10	Z 105-14	3.00E-
onitrile 3.135-12 1.565-13 4.085-14 1.605-17 1.095-17 1.0	Benzoic	Acio	1.43F-13	9	2.551-30	0 50F-20	735-1	2 20E-20	3 215-17	1 40E
orth acole 1.33E-15 4.11E-17 2.70E-21 1.05E-19 2.51E-24 2.99E-19 acote to the first of the first	Benzoni	trile	3,136-12	56E-	4.08E-18	1.60E-18	1.91E-15	2.99E-19	7.01E-16	3.29E-
ericy (1 - 1.57E-12	Benzoth	iazole	1.33E-15	.11E-	2.70E-21	1.05E-21	8.12E-19	2.51E-24	2.99E-19	1.38E-1
Table 1	Bipheny	1	1.43E-12	Y.	NA.	NA	NA	NA	NA	1.43E-
on fetrachloride object of 1.08=10 4.08=20 1.06=10 3.91E-13 1.44E-13 1.44E-13 0.01 fetrachloride object object of 1.08=16 4.08E-20 1.06=20 3.91E-13 1.44E-13 1.06=10 4.08E-20 1.26=20 3.51E-19 9.45E-20 3.51E-19 1.08E-10 1	B1S(Z-6	tnylhexyl)phthalate	7.87E-16	-37E-	4.02E-17	.79E	4.79E-19	3.25E-24	-76E-	9.70E-
Consideration of the constitution of the con	Carbon	Tetrachlorida	1 875-15		4.58E-20	.76E	3.91E-18	3.31E-21	1.44E-18	6.55E-
Comparison	4-chlor	oaniline	3.68F-16	1 25F-17		AAE-	2 24E-10	0 45F-22	R 245-20	7 81E-
Companion Comp	Chlorob	enzene	8.85E-16	NA .			NA NA	NA CE	NA ES	8.85E-
Control pheny I 4,56E-17 2,8E-19 4,50E-21 1,32E-21 2,78E-20 5,71E-24 1,02E-20 Continged to Contingence 3,25E-14 1,99E-19 4,50E-21 1,35E-20 1,99E-17 1,01E-23 7,28E-18 Forbit concernee 1,58E-13 1,99E-16 4,77E-19 1,77E-19 1,74E-17 2,19E-20 4,0E-18 1,02E-20 A-Dich concernee 2,38E-14 3,28E-16 4,77E-19 1,77E-19 1,74E-17 2,19E-20 4,0E-18 1,02E-20 A-Dich concernee 2,38E-16 NA	4-Chlor	obiphenyl	9.07E-16	7.25E-18	3.65E-20		5.52E-19	3.39E-22	2.03E-19	9.15E-1
Toroname 5.25E-14 1.77E-19 1.7	4,4-Ch(orobiphenyl	4.56E-17	2.81E-19	4.50E-21	•	2.78E-20	5.71E-24	1.02E-20	4.60E-1
Conference (cotal) 2.86E-14 3.28E-15	Chlorof	Criane	1 58F-14	I./YE-TS	5.96E-20	•	1.98E-1/	1.97E-25	7.28E-18	3.45E-1
Orobenzenes (total) 3.68E-15 NA	Dibenzo	furan	2.86E-14		.77E		1-74E-17	19E	40E	2.89F-1
4-Dichlorobenzene 2.33E-16 NA	Dichlor	obenzenes (total)	3.68E-15		¥.	NA	AN	Ä	N	3.68E-1
Dichlorocethane 1.05E-14 NA	1,4-) ich lorobenzene	2.33E-16	NA	AN	NA	AN	NA	NA	2.33E-1
Dichlorocthane 5.04E-15 3.04E-16 3.04E-17 1.56E-21 2.00E-18 5.15E-23 7.37E-19 Dichlorocthane 6.46E-15 NA	1,7-Dic	nloroethane	1.05E-14	¥.	ξį	¥	N.	N.	NA	1.05E-1
Dichlorocthere 4,37E-15 NA	11-010	ntoroethene	5.29E-15	-04E		- 26E-	900	. SE-	.5/E-	5.86E-1
Dichloropropane 2.09E-15 NA	1.2-Dic	loroethene	4 87F-15	4 4 4	X 2	X X	Z 2	Y V	Y N	7.876-1
drin definition	1,2-Dic	loropropane	2.09E-15	Z Z	AN AN	Z Z	Z A	AN	AN	2.09E-1
tthyldisulfide 8.96E-15 NA	Dieldri		3.26E-17	5.01E-17		•		.08E	7.30E-21	8.27E-1
Reflection of the componence of the compone	Dimethy	ldisulfide	8.96E-15	NA	NA		NA	NA	NA	8.96E-1
azine azine 1.11E-10 3.40E-09 1.63E-18 6.40E-19 6.78E-14 3.52E-20 2.49E-14 1.01E-10 3.40E-09 1.63E-18 6.40E-19 6.78E-14 3.52E-20 2.49E-14 1.01E-10 3.40E-12 8.30E-23 2.72E-21 4.73E-26 3.39E-21 1.01E-20 0.00E+00 1.00E-20 1.00E-20 1.00E-20 0.00E+00 1.00E-20 1.00E-20 1.00E-20 1.00E-20 1.00E-20 1.00E-30	Hexachi	probenzene		1.32E-15	7.27E-18		5.25E-17	4.30E-19	1.93E-17	8.75E-1
thion 4.71E-17 5.17E-19 1.09E-22 4.19E-23 9.22E-21 4.75E-26 5.39E-21 4.75E-26 1.00E+00 1.0E+18 1	Hydrazı	Je	11E-1	3.40E-09	1.63E-18		6.78E-14	3.52E-20	2.49E-14	3.51E-0
tricolnide 4.37E-17 5.34E-19 2.14E-22 8.30E-23 2.72E-20 0.00E+00 1.00E-20 1.00E-20 1.00E-10 1.00E-20 1.00E-10 1.00E-10 1.00E-10 1.00E-10 1.00E-10 1.00E-11 1	Malathi.		1.51E-1/	-1/E-1	1.09E-22		9.22E-21	4.73E-26	3.39E-21	1.55E-1
Halene carbonitrile 3.57E-13 NA	Mother	11 01 01 01 01 01 01 01 01 01 01 01 01 0	4.4/E-1/	. 34E - 1	2.14E-22	.50E-	2.725-20	0.00E+00	· nne	4.55E-1
thylphenol 5.01e-15 2.74e-15 2.05e-21 8.03e-22 3.36e-18 0.00e+00 1.24e-18 1.72e-18 5.01e-15 3.81e-16 9.47e-21 3.02e-19 2.14e-14 1.12e-20 7.86e-15 1.12e-18 2.71e-23 1.12e-18 1.12e-20 7.86e-15 5.92e-16 1.47e-17 4.47e-21 1.72e-21 3.60e-19 1.48e-19 1.33e-19 1.33e-19 1.48e-19 1.33e-19 1.33e-19 1.48e-19 1.48e-19 1.48e-19 1.33e-19 1.09e-18 1.91e-15 3.42e-18 7.01e-16 3.13e-12 7.75e-14 2.37e-17 9.09e-18 1.91e-17 0.00e+00 8.00e-18 1.42e-13 3.77e-15 2.26e-18 8.41e-19 8.67e-17 1.05e-19 3.19e-17 1.05e-19 3.19e-17 1.05e-19 3.19e-17	Methyle	on chloride	9 4.5/E-13	AN AN	A S	Z =	Y X	A.	A .	4.5/E-1
thylphenol 5.01E-15 3.81E-16 9.47E-21 3.70E-21 3.05E-18 2.71E-23 1.12E-18 nethyl hydrazine 3.51E-11 7.37E-10 5.44E-19 2.02E-19 2.44E-14 1.12E-20 7.86E-15 1.12E-18 1.47E-17 4.47E-21 1.72E-21 3.60E-19 1.48E-19 1.33E-19 1.33E-19 1.33E-19 1.52E-14 2.37E-17 9.09E-18 1.91E-15 3.42E-18 7.01E-16 1.62E-13 3.57E-14 2.37E-17 9.09E-18 1.91E-15 3.42E-18 7.01E-16 1.62E-13 3.77E-15 2.26E-18 8.41E-19 8.67E-17 1.05E-19 3.19E-17 2.99E-17 1.05E-19 3.19E-17 2.99E-17 4.07E-20 3.19E-17	Methy	athyl ketone	5 535-15	2 7/E-15	2 OSE. 21	0 0ZE-22	Z Z4E-19	OUT OU	4	0 275
methyl hydrazine 3.51E-11 7.37E-10 5.14E-19 2.02E-19 2.14E-14 1.12E-20 7.86E-15 thalene 5.92E-16 1.47E-17 4.47E-21 1.72E-21 3.60E-19 1.48E-19 1.33E-19 thalene carbonitrile 3.13E-12 7.75E-14 2.37E-17 9.09E-18 1.91E-15 3.42E-18 7.01E-16 trosodimethylamine 3.57E-14 4.58E-13 5.33E-21 2.09E-21 2.17E-17 0.00E+00 8.00E-18 enaphthalene 1.42E-13 3.77E-15 2.26E-18 7.25E-19 8.67E-17 4.07E-20 3.19E-17	4-Methy	phenol	5.01E-15	3.81E-16	9.47F-21	3.70F-21	3.05F-18	2.71F-23	- (-	5.40F-1
thalene 5.92E-16 1.47E-17 4.47E-21 1.72E-21 3.60E-19 1.48E-19 1.33E-19 thalene carbonitrile 3.13E-12 7.75E-14 2.37E-17 9.09E-18 1.91E-15 3.42E-18 7.01E-16 trosodimethylamine 3.57E-14 4.58E-13 5.33E-21 2.09E-21 2.17E-17 0.00E+00 8.00E-18 enaphthalene 1.42E-13 3.77E-15 2.26E-18 8.41E-19 8.67E-17 1.05E-19 3.19E-17 enaphthene 1.42E-13 1.80E-15 1.93E-18 7.25E-19 8.67E-17 4.07E-20 3.19E-17	Monomet	nyl hydrazine	3.51E-11	7.37E-10	5.14E-19	2.02E-19	2.14E-14	1.12E-20	-	7.72E-1
thalene carbonitrile 3.13E-12 7.75E-14 2.37E-17 9.09E-18 1.91E-15 3.42E-18 7.01E-16 trosodimethylamine 3.57E-14 4.58E-13 5.33E-21 2.09E-21 2.17E-17 0.00E+00 8.00E-18 enaphthalene 1.42E-13 3.77E-15 2.26E-18 8.41E-19 8.67E-17 1.05E-19 3.19E-17 enaphthene 1.42E-13 1.80E-15 1.93E-18 7.25E-19 8.67E-17 4.07E-20 3.19E-17	Naphtha	.ene		1.47E-17	4.47E-21	1.72E-21	3.60E-19	1.48E-19	~	6.07E-1
trosodimethylamine 3.57E-14 4.58E-13 5.35E-21 2.09E-21 2.17E-17 0.00E+00 8.00E-18 enaphthalene 1.42E-13 3.77E-15 2.26E-18 8.41E-19 8.67E-17 1.05E-19 3.19E-17 enaphthene 1.42E-13 1.80E-15 1.93E-18 7.25E-19 8.67E-17 4.07E-20 3.19E-17	Naphtha	ene carbonitrile		7.75E-14	2.37E-17	9.09E-18	1.91E-15	3.42E-18	~	3.21E-1
senaphthalene 1.42E-13 3.77E-15 2.26E-18 8.41E-19 8.67E-17 1.05E-19 3.19E-17 1 senaphthene 1.42E-13 1.80E-15 1.93E-18 7.25E-19 8.67E-17 4.07E-20 3.19E-17 1	n-Nitro	sodimethylamine	~	4.58E-13	5.33E-21	2.09E-21	2.17E-17	0.00E+00	-	4.93E-1
1.42E-13 1.80E-15 1.93E-18 7.25E-19 8.67E-17 4.07E-20 3.19E-17 1	Acena	aphthalene	1.42E-13	.77E-1	.26E-1	8.41E-19	8.67E-17	1.05E-19	3.19E-17	1-46E-1
	Acen	phthene	1 425-13	80E-1	025-1	7 255.10	R 475-17	02-30 7	Z 10E.17	1 115

| 148 | ~ « | 0 | 9 | 0 | 8 | 6 | | .18 | -18 | NA 6.03E-16 | | 18
 | NA
A | 10E-14 | 27E-20 | | |
 | | | | |
 | | | NA | 54E-18 | |
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| 17 | 92F-20 | .01E-19 | .60E-18 | .17E-25 | | | | | | NA
AN | | Σ.
 | | .39E-20 | .12E-25 | NA | A. | AN
 | | | | | AN
 | 1.17E-15 | ¥: | | | Z : | AN
 | . 3%E-
 | |
 | | | | |
| 1.74E-17
1.74E-16 | 1.74E-10 | 6.78E-20 | 3.48E-16 | 4.31E-20 | 2.14E-17 | 3.42E-19 | NA | 1.96E-17 | 1.05E-17 | NA | AN |
 | Α¥ | | | NA | * | N
N
 | | 2.59E-15 | 1.89E-17 | NA
AN | NA
 | NA | Y. | | | AN: | AN:
 | A.
 | | D*AT*1000
 | | SD*BD | í | L |
| 1.06E-18
2.67E-17 | 2.30F-19 | 1.09E-21 | 1.06E-17 | 3.23E-22 | 5.83E-19 | 2.60E-22 | NA | 2.59E-20 | 1.38E-19 | ٧× | NA | 4.72E-20
 | ¥2 | 1.51E-18 | 1.22E-22 | N. | E.A. | NA
 | | 2.99E-17 | 2.60E-19 | NA | NA
 | AN | Y. | Z | 14E | A : | AN :
 | ď.
 | |
 | | | | ¥ |
| 3.85E-18
1.28E-16 | 6.32F-19 | 3.05E-21 | 3.27E-17 | 8.54E-22 | 1.77E-18 | 6.65E-22 | NA | 6.63E-20 | 3.77E-19 | NA | NA | 1.26E-19
 | NA | | | NA | NA | NA
 | | 2.28E-15 | 5.94E-18 | NA | NA
 | NA | NA: | NA
NA | 1.53E-17 | AN: | Y.
 | Ą
 | | /day
 | | ys/yr | 000 ug/mg)*(3 | |
| 2.06E-16
6.17E-16 | 4.57F-16 | 1.32E-18 | 7.06E-15 | 9.39E-19 | 1.01E-15 | 9.61E-17 | NA | 1.82E-15 | 1.14E-15 | NA | NA | 6.93E-17
 | ¥2 | 1.89E-09 | 1.68E-17 | NA | Y. | NA
 | | 3.65E-15 | 8.48E-17 | NA | NA
A
 | NA
NA | NA. | ž | -21E | ¥ : | ¥:
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 | | | | |
| 2.86E-14
2.86E-13 | 2.86E-14 | 1.11E-16 | 5.72E-13 | 7.08E-17 | 3.51E-14 | 5.62E-16 | 3,13E-12 | 3.22E-14 | 1.72E-14 | 6.03E-16 | 9.61E-15 | 8.73E-15
 | 6.43E-15 | 1.38E-10 | 2.80E-16 | 3.97E-15 | 3.685-15 | 6.86E-16
 | | 4.25E-12 | 3.116-14 | 1.26E-13 | 4.43E-15
 | 3.18E-13 | 9.71E-09 | 1.65E-15 | 2.03E-13 | 5.22E-15 | 5.225-15
 | 1.436-12
 | | br
 | bw
wd | ef | cf | |
| Chrysene
Dibenzo(a,h)anthracene | Fluorene | Phenanthrene | Pyrene | Parathion | Pentach l'orobenzene | Phenot | Pyridine | Quinoline | Tetrachlorobenzene | Tetrachloroethene | Toluene | Trichlorobenzene
 | Trichloroethene | Unsym. dimethyl hydrazine | Vapona | Vinyl acetate | Vinyl chloride | Xylenes (total)
 | SOLING | Arsenic | Cadmium | Chromium (III) | Chromium (VI)
 | Copper | Iron | Lead | Mercury | Secentral | 31 Ver
 | 21110
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6.40E-17 6.40E-18 6.40E-18 | The contraction of the contracti | There 2.86E-14 2.06E-16 3.85E-18 1.06E-17 1.74E-17 3.55E-19 6.40E-18 1.74E-17 2.86E-17 1.74E-16 7.95E-17 6.40E-17 1.74E-17 1.06E-17 1.06E-18 1.00E-17 1.00E- | ysene 2.86E-14 2.06E-16 3.85E-18 1.06E-18 1.74E-17 3.55E-19 6.40E-18 oranthracene 2.86E-13 6.77E-16 1.28E-16 2.67E-17 1.74E-16 7.95E-17 6.40E-17 2.86E-13 3.76E-15 1.72E-17 1.74E-16 7.95E-17 6.40E-17 6.40E-17 2.86E-13 3.76E-15 1.72E-17 1.74E-16 7.92E-20 6.40E-17 1.11E-16 1.32E-18 3.05E-21 1.09E-21 6.78E-20 1.01E-19 2.49E-20 1.01E-19 2.49E-20 1.01E-19 2.49E-16 1.60E-18 1.28E-16 1.00E-17 3.25E-29 4.31E-20 1.01E-19 2.49E-16 1.60E-18 1.28E-16 1.00E-18 1.28E-18 1.72E-14 1.01E-15 1.77E-18 5.83E-19 2.14E-17 NA 1.26E-19 1.36E-19 NA 1.26E-19 NA 1.26E | The color of the c | ysene 2.86E-14 2.06E-16 3.85E-18 1.06E-17 3.55E-19 6.40E-18 enzo(a,h) anthracene 2.86E-13 6.77E-16 1.28E-16 7.05E-17 7.74E-16 7.95E-17 7.05E-17 2.86E-13 3.76E-17 1.72E-17 2.52E-18 1.74E-16 7.95E-17 2.96E-17 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2.49E-20 1.01E-19 2.49E-19 1.02E-19 1.02E-19 1.02E-17 1.02E-19 1.0 | ysene 2.86E-14 2.06E-16 3.85E-18 1.06E-18 1.77E-17 3.55E-19 6.40E-18 central conditions and the conditions are conditions as a central cen | ysene 2.86E-14 2.06E-16 3.85E-18 1.06E-18 1.74E-17 3.55E-19 6.40E-18 certacta,th) anthracene 2.86E-13 5.76E-15 1.28E-16 2.56F-17 1.74E-16 7.95E-17 6.40E-17 ceremental cerements 2.86E-13 3.76E-15 1.72E-17 5.25E-17 1.72E-17 2.96E-13 1.76E-16 1.32E-19 2.30E-19 1.74E-16 7.95E-17 1.72E-17 2.96E-13 1.76E-18 1.72E-17 2.96E-13 1.76E-18 1.76E-17 1.06E-17 1.06E-18 1.28E-16 1.36E-19 1.76E-17 1.06E-18 1.28E-16 1.36E-19 1.76E-17 1.06E-17 1.06E-18 1.28E-16 1.26E-19 1.76E-17 1.06E-17 1.06E-18 1.28E-16 1.00E-17 1.06E-17 1.06E-17 1.06E-17 1.06E-17 1.06E-18 1.28E-16 1.00E-17 1.06E-17 1.06E- | ysene 2.86E-14 2.06E-16 3.85E-18 1.06E-18 1.74E-17 3.55E-19 6.40E-18 1.00E-18 1.74E-17 5.55E-19 7.40E-18 1.00E-18 1.00E-18 1.00E-18 1.00E-18 1.00E-18 1.00E-18 1.00E-18 1.00E-17 1.00E-17 1.00E-17 1.00E-17 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7.95E-19 2.49E-20 nonthrone 5.72E-13 7.06E-17 3.27E-17 1.00E-21 3.48E-16 1.01E-19 2.49E-10 1.01E-18 2.46E-19 1.06E-18 1.28E-10 3.76E-17 1.00E-17 3.48E-19 1.26E-19 2.40E-19 1.28E-10 3.76E-19 1.26E-18 1.28E-10 3.76E-19 1.76E-19 3.76E-19 3.76E-19 <td>Vermitted Control of the control of</td> <td>2 2 06E-16 3.65E-18 1.06E-18 1.76E-17 1.76E-18 6.40E-17 1.76E-19 6.40E-17 1.76E-19 6.40E-17 1.76E-19 6.40E-17 1.76E-17 1.76E-17 1.76E-17 1.76E-17 1.76E-18 6.40E-18 6.40E-19 6.40E-19<td>## Secretary control of the control</td><td>## Secretary 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,</td><td>## Secret 1 2.66E-14 2.06E-14 /td><td>years of the control /td></td> | Vermitted Control of the control of | 2 2 06E-16 3.65E-18 1.06E-18 1.76E-17 1.76E-18 6.40E-17 1.76E-19 6.40E-17 1.76E-19 6.40E-17 1.76E-19 6.40E-17 1.76E-17 1.76E-17 1.76E-17 1.76E-17 1.76E-18 6.40E-18 6.40E-19 6.40E-19 <td>## Secretary control of the control</td> <td>## Secretary 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,</td> <td>## Secret 1 2.66E-14 2.06E-14 /td> <td>years of the control /td> | ## Secretary control of the control | ## Secretary 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, | ## Secret 1 2.66E-14 2.06E-14 | years of the control |

SENSITIVITY CASE 18-Ju 16:7 ORGANICS Acetone	ADULT TOTAL E	EXPOSURE - MAXIMUM	IMUM					
one								
IGANICS Acetone	INHALATION 18-Jun-91 EXPOSURE 16:16:24 (mg/Kg/day) RES-A	VEGETABLE EXPOSURE (mg/Kg/day)	MILK EXPOSURE (mg/Kg/day)	BEEF EXPOSURE (mg/Kg/day)	SOIL/DUST EXPOSURE (mg/Kg/day)	FISH CONSUMPTION (mg/Kg/day)	DERMAL EXPOSURE (mg/Kg/day)	TOTAL (mg/Kg/day)
Acetone								
Brotonitrilo	1.26E-14	AN 22C	A C	N.	NA T	NA	NA	1.26E-
Acrylonitrile	4 RAF-12		Z.42E-10	7.45E-19	/ .USE-15	7. 76E-27	2.60E-15	2.37E-
Aldrin	1.78E-17	7	1.45E-18	1.64E-19	۳,	2.81F-27	4.03F-21	4.80E-12
Aniline	6.43E-13	80	4.65E-19	1.785-19	97E-	2.33E-19	1.46F-16	7 335-
Atrazine	3.97E-15	2.19E-	2.16E-20	6.77E-21	2.45E-18	0.00E+00	9.02E-19	4.19E-
Benzaldehyde	2.93E-13	2.3	3.87E-19	1.44E-19	ထ္	2.51E-20	6.65E-17	· 3.17E-
Renzofinen	3.08E-13		7 27 10	AN C		AN	AN .	3.68E-
Benzoic Acid	1 425-12		2 505-10	1 0/5-10	0.00E-10	2 205 20	3.24E-16	1.50E-
Benzonitrile	X 17E-12		6 50E-18	1 665-19		2.20E-20	7 445 47	1.52E-
Benzothiazole	1.336-15	7.62F-17	3 16F-21	1 125-21	8 2/E-10	2 515-26	7 . I IE - 10	5.5/E-
Biphenyl				NA		NA NA	J.OJE-19	1 475
Bis(2-ethylhexyl)phthalate		-	3	5	4.86E-19	3.25E-24	1.79E-19	2.47E-
Carbazole		2.84E-	8.58E-20	2.23E-20	3.97E-18	3.31E-21	1.46E-1	6.72E-
Carbon Tetrachloride	1.87E-14	AN		AN	AN	NA	AN	1.87E-
4-Chloroaniline	3.68E-16	2.2	7.12E-22	2.57E-22	2.27E-19	9.45E-22	8.3	3.91E-
Ciliorobenzene	8.855-16	-	NA CZT 40	NA NA	NA Y	AN	•	8.85E-
4-Chlorobiphenyl	7.07E-10	٠ -	5 015-20	3.80E-20 7 45E-21	5.60E-19	3.39E-22	2.06E-	9.38E-
Chloroethane	3.25E-14	- ~	4.34E-20	1.61E-20	2.01F-17	1.01F-24	7 38E-18	4./2E-
Chloroform	1.58E-13	NA	NA	NA	NA	NA	NA D	1.58F-
Dibenzofuran		1.0	1.67E-18	3.13E-19	1.77E-17	2.19E-20	6.49E-18	2.97E-
Dichlorobenzenes (total)			NA.	NA	NA	NA	NA	3.68E-
1 1-Dichlorocthon	2.33E-16		¥.	¥:	Y.	NA	NA	2.33E-
1.2-Dichloroethane	2 20F-15	A 575-16	NA / 2/E-24	1 41E-21	2 02F-10		AN Y	1.05E-
1,1-Dichloroethene	5.64E-15	AN	AN	NA	NA	0-10-C3	.	5.95E
1,2-Dichloroethene	4.87E-15		AN	NA.	A	AN	Z Z	, 87E
1,2-Dichloropropane	2.09E-15	NA		NA	AN	N	NA	2.09F-
Dieldrin	3.26E-17	5.1	1.71E-19	2.02E-20	2.01E-20	1.08E-24	7.41E-21	8.45E-
UnietnylaisulTide	8.965-15	١	NA C	NA .	NA	NA	NA	8.96E-
hexach toropenzene	8.61E-14		8.75E-17	1.12E-17	5.32E-17	4.30E-19	1.96E-17	8.99E-
ingui az III.e	1.16-10	٩'n	7.055-18	6.49E-19	6.88E-14	3.52E-20		3.57E-(
Molothion	1.316-11		Z-102E-22	5.5CE-25	9.50E-21	4.75E-26	44E-	1.59E-
Methyl chloride	1 - 2/2- 1/	-	3.20E-22	7.04E-23	2./0E-2U	0.00E+00	_	4.65E-
Methylene chloride	2 4.3/6-12	4	A V	Z 2	A N	K.	AN:	4.37E-
Methyl othyl betone	21-240-7	2 027 4E	A47 C	Z L	NA.	NA O	Y.	Z-64E-
4-Methylphenol	5 015-15	5.35E-15 F 14E-14	1 10E-21	2 01E-22	2 40F 18	0.00E+00	26E-1	8.46E-1
Monomethy! hydrazine	3 51F-11	7 40F-10	5 22E-10	2 055-10	176-	1 125.20	145	7.555-1
Naphthalene	5 02E-16	Z 02E-17	8 705-21	2, 215, 21	445	1 /85 40	70E-1	7.84E-7
Naphthalene carbonitrile	7 17E-10	1 505-12	6.40E-17	1 175-17	000	2 / 2r 40	24E-2	6.25E-7
	3.576-14	4.65F-13	5.43F-21	2 12F-21	2 215-17	0 005400	8 11E-16	3.29E-1
PAHS			1	1	1	0.002.00		2.0 E-
Acenaphthalene	1.42E-13	7.51E-15	7.55E-18	1.44E-18	8.80E-17	1.05E-19	.24E-1	1.50E-1
Acenaphthene	1.42E-13	5.50E-15	5.68E-18	1.15E-18	8.80E-17	4.07E-20	3.246-17	1.48E-1

	(Å)	<u> </u>
AU	TOTAL (mg/Kg/day)	2.85E 4.70E 1.60E 1.60E 1.60E 1.60E 1.60E 1.60E 1.60E 1.60E 1.60E 1.60E 1.60E 1.60E 1.60E 1.7.70E 1.60E 1.7.70E 1.60E 1.7.70E 1.6
AT	DERMAL EXPOSURE (mg/Kg/day)	2.14E-14 3.33E-20 1.20E-15 5.49E-16 5.49E-16 5.49E-16 5.49E-15 5.69E-15 5.36E-15 6.09E-17
AS	FISH CONSUMPTION (mg/Kg/day)	1.75E-20 6.34E-27 5.27E-19 6.00E+00 5.67E-20 6.74E-19 6.74E-19 6.74E-24 7.34E-24 7.36E-22 1.29E-23 4.32E-22 1.29E-22 1.07E-25 0.00E+00 6.13E-23 2.35E-19 7.72E-18
AR	SOIL/DUST EXPOSURE (mg/Kg/day)	6.29E-14 9.76E-20 3.54E-15 1.61E-15 1.61E-15 7.89E-16 7.34E-18 7.34E-18 7.34E-18 7.34E-19 1.72E-14 1.79E-16 1.79E-16 1.79E-16 1.79E-16 1.79E-16 1.79E-16 1.81E-17 1.81E-17 1.98E-18 3.25E-20 2.46E-19 1.98E-13 1.72E-14 1.98E-16 1.72E-14 1.98E-16 1.72E-14 1.98E-16 1.72E-14 1.98E-16 1.72E-14 1.98E-16 1.72E-14 1.98E-16 1.72E-16 1.98E-16 1.72E-16 1.98E-16 1.72E-16 1.98E-16 1.72E-16
АФ	BEEF EXPOSURE (mg/Kg/day)	2.32E-18 1.78E-20 3.45E-19 3.45E-19 3.99E-18 2.63E-21 3.99E-18 3.99E-18 3.99E-22 3.99E-22 3.99E-23 3.99E-21
AP AVERAGE	MILK EXPOSURE (mg/Kg/day)	2.76E-19 2.76E-19 2.76E-19 2.76E-19 2.96E-18 3.17E-17 1.46E-18 2.36E-17 1.56E-20 2.36E-17 2.66E-18 2.26E-19 2.26E-19 2.26E-19 2.26E-20 2.29E-20 1.36E-20 1.37E-16 3.08E-20 1.37E-16 3.08E-20 1.37E-16 3.08E-20 1.37E-16 3.08E-20
AO EXPOSURE - AVE	VEGETABLE EXPOSURE (mg/Kg/day)	2.11E-11 6.10E-18 1.94E-15 3.18E-14 7.02E-14 7.02E-14 7.02E-14 7.02E-15 7.02E-15 7.02E-16
AN TABLE 4 CHILD TOTAL E	INHALATION EXPOSURE (mg/Kg/day)	2.88E-14 1.10E-11 4.01E-17 1.45E-12 8.97E-12 3.22E-12 3.22E-12 3.24E-13 3.24E-13 3.24E-13 3.24E-13 3.24E-13 3.24E-13 3.24E-13 3.24E-13 3.24E-13 3.24E-13 3.24E-13 3.24E-13 3.24E-13 3.24E-13 3.24E-13 3.24E-13 3.24E-14 4.21E-14 4.21E-14 4.21E-14 4.21E-14 4.21E-14 4.21E-14 7.34E-14 1.95E-14 1.95E-14 1.95E-14 1.34E-15 3.25E-13 6.45E-14 1.34E-14 7.34E-14 3.25E-13 6.45E-14 1.34E-15 8.36E-13 8.36E-13 8.36E-13 8.36E-13 8.36E-13 8.36E-13 8.36E-13 8.36E-13 8.36E-13 8.36E-13 8.36E-13 8.36E-13 8.36E-13 8.36E-13 8.36E-13 8.36E-13
Se c	18-Jun-91 16:16:24 RES-A	oride oride i, inyl benzene ane ane ene ene ene ene ene con azine azine lde tone lde tone lde tone lde tone
C SENSITIVITY CASE		ANICS Acetone Acetone Acetone Action Aniline Atrazine Benzaldehyde Benzaldehyde Benzoluran Benzoic Acid Benzonitrile Benzoritrile Benzoritrile Benzoritrile Bis(2-ethylhexyl)phthalate Carbon Tetrachloride 4-Chlorobiphenyl Chlorobiphenyl Chlorobenzene 4-Chlorobiphenyl Chlorobenzene 1,2-Dichlorobenzene 1,2-Dichloropenene 1,2-Dichloropenene 1,2-Dichloropenene Methyldisulfide Hexachlorobenzene Hydrazine Lindane Methylchloride
œ		Acet Acet Acet Acet Acet Acet Acet Acet

Chrysene Dibenzo(a,h)anthracene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Phenauthrene Phenauthrene Phenauthrene Phenauthrene Phenauthrene Phenauthrene Phenauthrene Dhenauthrene Trichloroethene Tr	yeane characteristics of the control of the characteristics of the c	AN AO	AP	AQ	AR	AS	AT	AU
University of the control of the con	Linguistant Control of the control o							
The control of the	Dibenzo(a, h)anthracene	14	2.23E-17	2.63E-18	1.57E-16	8.01E-19	5.35E-17	6.51E-14
Fluorenthere	Fluorenthene 6.45E-13 5.77E-15 9.94E-17 Fluorene 6.45E-16 7.08E-16 7.08E-17 7.08E-16 7.08E-16 7.08E-16 7.08E-17 7.08E-16 7.08E-16 7.08E-17 7.08E-16 7.08E-17 7.08E-16 7.08E-17 7.08E-16 7.08E-17 7.08E-17 7.08E-16 7.08E-17	13	7.38E-16	6-66F-17	1 575-15	1 70F-16	5 355-16	6 40F-13
Fubrement	Fluorene 6.45E-14 7.08E-16 3.65E-18 Phenanthrene 1.25E-16 2.06E-18 1.76E-20 Pyrene 1.20E-16 1.20E-17 1	7	0 0/E.17	1 385-17	1 575-15	NIA .	E 25E-16	4 FZE-12
Principle Continue	Phenattirene 2.51E-16 2.06E-18 1.76E-20 Phenattirene 1.29E-12 1.08E-14 1.89E-16 Parathion Parathion 1.20E-16 1.08E-16 1.08E-16 1.08E-17 Phenol Pentachlorobenzene 1.20E-16 1.58E-15 1.08E-17 1.02E-17 Phenol	17	7 455 10	1.30E-1	1 575 4	25 70	2000	יייייייייייייייייייייייייייייייייייייי
Parathilitere (2.00E-18 1.76E-20 2.0E-19 3.0E-19 3.0E-19 1.0E-19 1.0E-	Pyrene Copper Co	; 1	3.035-10	3. /4E- 19	1.3/6-10	07-300-0	3.33E-17	0.335-14
Pertention of the control of the con	Parathion Parathion 1.28E-12 1.08E-14 1.89E-16 Parathion Pentachlorobenzene 1.50E-16 1.51E-18 4.93E-27 Phenol Phenol Phenol Properties 1.50E-16 1.52E-15 1.02E-17 Phenol P	9	1.76E-20	2.71E-21	6.12E-19	2.27E-19	2.09E-19	2.54E-16
Partechloropenzene 1-60E-16 1-51E-18 4-93E-21 8.06E-22 3.09E-19 1.35E-19 Partechloropenzene 1-60E-16 1-51E-18 4-93E-21 8.06E-22 3.09E-18 NA 6.55E-17 Partechloropenzene 1-27E-14 1.52E-15 1.59E-16 3.84E-21 6.50E-22 3.09E-18 NA 1.05E-18 NA 0.00E-18	Parathion Parath	2	1.89E-16	2.64E-17	3.14E-15	3.62E-18	1.07E-15	1.31E-12
Pentachlorobenzene 7.79E-14 1.53E-17 1.02E-17 1.45E-18 1.99E-16 NA 1.05E-17 Pentachlorobenzene 7.79E-14 1.53E-15 1.02E-17 1.45E-18 1.99E-16 NA 1.05E-18 NA 1.05E-19 NA 1.05E-1	Pentachlorobenzene 7.93E-14 1.53E-15 1.02E-77 1.03E-77 1.	· 9	4.93E-21	8-06F-22	3 89F-10	7 17F-25	1 335-10	1 62F-16
Phenot 1.27E-15 1.59E-16 3.64E-21 6.50E-22 3.09E-18 NA 1.05E-18 A 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Phenol 1.27E-15 1.59E-16 3.84E-21 6. Quinoline 7.07E-17 1.59E-16 3.84E-21 6. Quinoline 7.07E-17 3.13E-15 3.83E-19 6. Tetrachlorobenzene 3.89E-14 1.72E-15 2.18E-18 3.83E-19 6. Tetrachlorobenzene 1.36E-15 NA NA NA	93E-14	1 02E-17	1 456-18	1 025-16		4 58E-17	0 11E-16
Detail of the continum (11) Note of the continu	Authorities 7.07E-12 NA Authorities 7.07E-12 NA Authorities 7.07E-14 3.13E-15 3.83E-19 6. Tetrachloroschene 7.88E-14 1.72E-15 2.18E-18 3.10 NA	Ľ	2 0/1	2000	2 200 %	¥ .	100.0	121 14
Tricklorocethene	Trickloroethene	2 9	3.04E-21	JOE:	3.09E-18	NA.	. acn:	1.45E-15
Comparison of the comparison	Author of the control	2	A.	NA	Ä	AN	W	7.07E-12
Tetrachlorobenzene 3.86E-14 1.72E-15 2.18E-18 3.43E-17 9.40E-17 NA	Tetrachlorobenzene 3.89E-14 1.72E-15 2.18E-18 3. Tetrachlorocthene 1.36E-15 NA NA NA Tolluene 1.97E-14 1.4E-16 7.27E-19 1. Trichlorobenzene 1.97E-14 1.4E-16 7.27E-19 1. Trichlorocthene 1.97E-14 1.4E-16 7.27E-19 1. Unsym. dimethyl hydrazine 3.13E-10 3.50E-09 2.22E-17 3. Vapona Vinyl acetate 8.97E-15 NA NA NA NA NA Vinyl chloride 8.31E-15 NA NA NA NA NA NA Chromium (III) 2.84E-15 NA NA NA Chromium (III) 2.84E-15 NA NA NA Chromium (VI) 7.18E-13 NA	4		-47F	777	43F	6 N3F-17	7 61F-14
hit crocethene 1.36E-15	hloroethene 1.36E-15 NA NA NA NA NA Ordenzene 1.97E-14 NA	7	185	43E	707	N	2 225.17	7, ORE-17
orobenzene 1.97E-14 NA	orobenzene 1.97E-14 NA	r.	1	1	4		17.	1 265.15
orobenzene 1.97E-14 1.14E-16 7.27E-19 1.18E-19 4.80E-17 2.17E-20 1.64E-17 orobenzene 1.97E-14 1.14E-16 7.27E-19 1.18E-19 4.80E-17 2.17E-20 1.64E-17 NA	orobenzene 1.97E-14 1.4E-16 7.27E-19 1. oroethene 3.13E-10 3.50E-09 2.22E-17 3.513E-16 3.34E-17 1.81E-21 3.51E-15 NA	. ~					¥ :	1000
1,000 1,00	dimethy! hydrazine 1.57c-14 1.46-16 7.27c-19 1. dimethy! hydrazine 3.32c-16 3.56c-09 2.22c-17 3.50c-09 2.22c-17 3.50c-17 NA		Ž	NA	Y.	Y.	YN.	2.1/E-14
1000 mg/mg 1,55E-16 10 mg/mg 1,56E-17 1,55E-18 1,55E-1	dimethyl hydrazine 1.45E-14 NA NA NA CALEGE 3.34E-17 1.81E-21 3.85E-15 NA	_	-27E	1.18E-19	-30E-	.17E-	-946-	1.99E-14
dimethyl hydrazine 3.15E-10 3.50E-09 2.22E-17 3.75E-18 7.61E-13 9.92E-20 2.59E-19 6.32E-16 3.34E-17 1.81E-21 3.05E-22 1.54E-19 8.97E-15 NA	dimethyl hydrazine 3.13E-10 3.50E-09 2.22E-17 3. 6.32E-16 3.34E-17 1.81E-21 3. 6.32E-16 3.34E-17 1.81E-21 3. 8.97E-15 NA		NA	AN	A.	AN	AN	1.45E-14
## Societate 6.32E-16 8.34E-17 8.71E-15 8.71E-16 8.71E-15 8.71E-16 8.71E-16 8.71E-17 8.71E-16 8.71E-16 8.71E-17 8.71E-16 8.71E-17 8.	6.32E-16 3.34E-17 1.81E-21 3. chloride 8.97E-15 NA NA NA NA 1.55E-15 NA	M	22E		61F	02F-	SOF.	3 81F-09
B.97E-15 NA	Sectate 8.97E-15 NA	M	RIE		2/5	786-	2/6	4 47E-14
s (total) 1.55E-15 NA NA NA NA NA NA NA NA NA N	chloride 8.31E-15 NA NA NA 1.55E-15 NA NA NA 1.55E-15 NA NA NA NA 1.55E-15 NA 2.98E-13 NA NA NA 2.99E-13 NA NA NA 4.57E-13 1.8E-15 NA NA NA 4.57E-13 1.8E-15 NA NA NA 4.57E-13 1.8E-15 NA NA NA NA 3.24E-15 NA NA NA NA NA 1.8E-12 NA NA NA NA 1.8E-12 NA NA NA 1.55 Kg um 1000 ug/mg	í	1		1	3	1 4	
S (total) 1.55E-15 NA	C (total) 1.55E-15 NA		Z =	¥ .	¥.	¥.	Z .	
9.60E-12 6.58E-15 1.32E-14 7.45E-17 2.34E-14 1.10E-14 7.97E-16 7.02E-14 1.45E-16 3.43E-17 6.47E-19 1.71E-16 NA	C		Y :	AN	Y.	AN	Z.	
9.60e-12 6.58e-15 1.32e-14 7.45e-17 2.34e-14 1.10e-14 7.97e-16 7.02e-14 1.45e-16 3.43e-17 6.47e-19 1.71e-16 NA S.82e-18 8.84e-13 NA	0.60E-12 6.58E-15 1.32E-14 7.02E-14 1.45E-16 3.43E-17 2.84E-13 NA NA NA 7.18E-13 NA NA NA 2.19E-08 NA NA NA 4.57E-13 1.18E-15 NA NA NA 7.34E-15 NA NA NA 3.69E-13 NA NA NA 7.34E-15 NA NA NA 3.24E-12 NA NA NA 3.24E-12 NA NA NA 15.5 Kg um 1000 ug/mg		Y.	AZ.	N N	A	A	
9.60E-12 6.58E-15 1.32E-14 7.45E-17 2.34E-14 1.10E-14 7.97E-16 7.02E-14 1.45E-16 3.43E-17 6.47E-19 1.71E-16 NA	Um (III) 22E-14 1.32E-15 1.32E-14 1.45E-16 3.43E-17 2.84E-13 NA							
11.	inc 7.02E-12 6.58E-15 1.32E-14 norm of the control							
To See 14 1.45E-16 3.43E-17 6.47E-19 1.71E-16 NA 5.82E-18 NA	T. O2E-14 1.45E-16 3.43E-17 Inium (III) 2.84E-13 NA		1.32E-14	7.45E-17	2.34E-14	. 10E-	7.97E-16	9.66E-12
Lium (VI) 2.84E-13 NA	Lium (VI) 2.84E-13 NA NA NA NA 1.00E-14 NA NA NA NA 1.00E-14 NA NA NA 2.19E-08 NA NA NA NA 3.69E-13 NA NA NA 1.18E-12 NA NA NA NA 3.24E-12 NA NA NA NA 3.24E-12 NA NA NA NA 15.5 Kg um 1000 ug/mg		3.43E-17	6-47E-19	1.71E-16	AN	5.82E-18	7.06E-14
1.00e-14 NA	nium (VI) 1.00e-14 NA		AN	AN	AM	MM	NA	2 84F-13
2.19E-13 NA	2.19E-13 NA NA NA NA NA NA NA 3.69E-13 NA		AN	d'A	AN	NA	MA	1 00E-14
2.19E-08 NA	2.19E-08 NA NA NA NA NA NA 3.69E-13 NA		MA	V	V N	777		7 205 42
1.79	1.79		4		***	1	¥ .	202.0
IT TO ME TO THE TOTAL TO THE	In the state of th		¥ :	¥ :	Y.	Z :	Y.	Z-17E-05
11, 11, 11, 11, 11, 11, 11, 11, 11, 11,	iny 4.2/E-13 1.10E-17 2.85E in	Y Z	AN C	Y.	AN	N.A		5.69E-15
1.18E-12 NA	1.18E-12 NA NA NA NA NA NA 3.24E-15 NA	1.18E-	STE-1	.85E-1	1.11E-15	A'A		4.63E-13
7.34E-15 NA	5.24E-15 NA NA NA S.24E-12 NA		A'N	AN	NA	AN	AN	1.18E-12
3.24E-12 NA NA NA 5.84E-15 NA br 10 M3/day bw 15.5 Kg um 1000 ug/mg	3.24E-12 NA NA br 10 M3/day bw 15.5 Kg um 1000 ug/mg		AN.	AN	NA	¥.	A X	7.34E-15
10.M3/day 15.5 Kg 1000 ug/mg			NA	NA	AN	.84E-	AN	3.24E-12
		10	12 / day					
		1 T	la) day					
		200	ה ה					
		0001	6m/6r					

Inhalation dose = Cair *br/bw/ugmg

18- Jun-91 16:16:24		TOTAL EXPOSURE - MAX	- MAXIMUM					
18-Jun-91 16:16:24								
RES-A	INHALATION EXPOSURE (mg/Kg/day)	VEGETABLE EXPOSURE (mg/Kg/day)	MILK EXPOSURE (mg/Kg/day)	BEEF EXPOSURE (mg/Kg/day)	SOIL/DUST EXPOSURE (mg/Kg/day)	FISH CONSUMPTION (mg/Kg/day)	DERMAL EXPOSURE (mg/Kg/day)	TOTAL (mg/Kg/day)
	2.85E-14	NA	NA	NA	NA	NA		
Acetonitrile	2.58E-11	2.19E-11	1.40E-17	2.36E-18	6.38E-14	1.75E-20	2.17E-14	
Acrylonitrile	1.10E-11		NA	NA	AN			
	4.U1E-1/	.04E-1	8.37E-18	4.10E-19	9.90E-20		143	
	0 075-12	1. (/E-13	2.69E-18	4.43E-19	3.59E-15	5.27E-19	1.22E-15	
Benzaldehvde	6 615-12	3.0/E-10	2 22E-19	7 595 40	2.44E-17			
	8 315-15	NA NA	01 -3C3-3	3.30E-19	CI - 200"		n.	
Benzofuran	3.22F-12	1 305-13	/, //2E-17	0	S S	1 25E-18	2 71E-1E	
Benzoic Acid	3.24E-13	1 60F-14	1 675-18	2 60E-10	2 00E-14	7. OSE-20	2 775.1	
Benzonitrile	7.07F-12	4 43E-13	2 AME- 17	/ 15E-18	7 7 7	4.70E-10	F 05E-1	
Benzothiazole	3.01E-15	1.44E-16	1.83F-20	2 70F-21	7 44F-18	5 67E-24	2 53E-18	
	3.24E-12	NA.	NA	NA	NA	NAN	AN	
Bis(2-ethylhexyl)phthalate	1.78E-15	2.46E-16	7.91E-15		4.39E-18	7.34E-24		
Carbazole	1-45E-14	5.02E-16		5.56E-20	3.59E-17	7.46E-21	1.22E-17	
Carbon letrachloride	4.21E-14		NA NA	NA	AN AN	NA		
4-cntoroanitine	8.31E-16	4.28E-17	4.11E-21	6.40E-22	2.05E-18	2.13E-21	6.9	
Circl openzene	2.00E-15	AA I	YA.	¥.	Y.	NA.		
4-Circorobinenyi	2.05E-15	5.50E-17	1.52E-18	.48E	5.06E-18	7.66E-22	-	
Chloroethane	1.03E-10	2.63E-18	3.41E-19	•	2.55E-19	1.29E-23	ω .	
Chloroform	3 58F-13	NA NA	2.30E-19		1.01E-10	4.32E-23	o	
Dibenzofuran	6.45E-14	1 895-15	0 KZE-18	7 ROE-10	1 50E-14	/ O/E-20	R /25.17	
Dichlorobenzenes (total)	8.31E-15	N.	AN			NA	AN	
chlorobenzene	5.25E-16	NA.	N.	NA.	Ä	AN	NA.	
1,1-Dichloroethane	2.38E-14	NA	NA	NA NA	NA AN	NA	N	
oroethane	7.43E-15	1.10E-15	2.51E-20	4.02E-21	1.84E-17	1.29E-22	6.25E-18	
oroethene	1.2/E-14	YY:	NA	NA NA	NA	NA	NA	
1 2-Dichloropropage	1.10E-14	Z :	Y.	NA.	Y.	YY.	Y.	
arindo ido io	7 345-17	7 775 17	AA OO O		NA COL	AN C	NA NA	4./1E-15
Dimethyldisulfide	2.02F-14	2 2	NA NA	07-3C0-C	1.025-19	47.344.7	0.19E-2U	
Hexachiorobenzene	1.95E-13	6.17F-15	5 04F-16	_	215.1	0 71E-10	1 K/E-1K	
Hydrazine	2.51E-10	6.48E-09	9.55E-18	1.62E-18	6.21E-13	7.96E-20	2, 12E-13	6.73E-09
	3.42E-17	1.25E-18	1.19E-21	1.33E-22	45E-2	1.07E-25	2.88E-20	
Malathion	1.01E-16	3.15E-18	1.88E-21	2.41E-22	2.50E-19	0.00E+00	8.50E-20	
Methyl chloride	9.87E-15	AN	NA	AN	AN	NA	NA	
Methylene chloride	5.96E-13	NA	AN	AN	AN	N.	Y.	
Methyl ethyl ketone	1.25E-14	5.18E-15	1.22E-20	2.04E-21	3.08E-17	0.00E+00	1.05E-17	
4-Methylphenol	1.13E-14	8.92E-16	6.34E-20	9.75E-21	2.80E-17	6.13E-23	9.53E-18	
Monometnyl hydrazine	7.93E-11	1.53E-09	3.01E-18	5.10E-19	1.96E-13	2.52E-20	6.67E-14	
Naphthalene	1.34E-15	5.21E-17	5.02E-20	5.51E-21	3.30E-18	3.35E-19	1.12E-18	
Naphthalene carbonitrile	7.07E-12	2,75E-13	2.66E-16	2.92E-17	1.75E-14	7.72E-18	5.95E-15	
n-Nitrosodimethylamine PAHs	8.06E-14	7.14E-13	3.13E-20	5.29E-21	1.99E-16	0.00E+00	6.78E-17	
Acenaphthalene	3.22E-13	1.27E-14	4.36E-17	3.60E-18	7.95E-16	2.37E-19	2.71E-16	
Acenaphthene Benzo(a)nvrene	3.22E-13	9.74E-15	3.28E-17	2.87E-18	7.95E-16	9.18E-20	2.71E-16	, W

Chrysene 6.45E-14 1.69E-15 G Dibenzo(a,h)anthracene 6.45E-13 1.97E-14 F Luoranthene 6.45E-13 1.97E-14 F Luoranthene 6.45E-13 1.97E-14 F Luoranthene 6.45E-13 1.97E-18 F Parathion 1.29E-12 3.84E-14 Pertachlorobenzene 1.27E-15 1.88E-16 Pyridine 7.97E-15 1.88E-16 Pyridine 7.27E-14 4.72E-15 Tetrachlorobenzene 1.27E-14 4.72E-15 Trichlorobenzene 1.97E-14 4.72E-15 Trichlorobenzene 1.97E-14 MA Toluneym. dimethyl hydrazine 3.89E-14 5.34E-16 Trichlorobenzene 1.97E-14 MA Toluneym. dimethyl hydrazine 3.18E-15 MA Wapona 2.17E-14 MA S INORGANICS 8.97E-15 MA S Cadmium (III) 2.84E-13 MA Copper Chromium (III) 2.84E-13 MA Copper Chromium (VI) 7.0E-14 MA S Cadmium (VI) 7.0E-14 MA S Chromium (VI) 7.0E-14 MA S Chromium (VI) 7.34E-13 MA S Inor Mercury 4.57E-13 MA S Silver 3.24E-12 MA S Silver 7.34E-12 MA S Silver 8.35E-12 MA S Silver 15.55E-15 MA S Silver 15.55						}
Dibenzo(a,h)anthracene 6.45E-13 Fluoranthene 6.45E-14 Fluoranthene 6.45E-14 Phenanthrene 2.51E-16 Pertachlorobenzene 1.27E-15 Phenol 7.07E-12 Phenol 7.07E-12 Phenol 7.07E-12 Phenol 7.07E-12 Toluene 7.07E-14 Tetrachlorobenzene 7.27E-14 Tetrachlorobenzene 7.27E-14 Tetrachlorobenzene 1.36E-15 Toluene 7.07E-14 Trichlorobenzene 1.36E-15 Trichlorobenzene 1.36E-16 Vinyl acetate 8.97E-14 Trichlorobenzene 1.45E-14 Trichlorobenzene 1.56E-15 Vinyl acetate 8.97E-15 Vinyl chloride 8.31E-15 Vinyl chloride 8.31E-15 Vinyl chloride 8.31E-15 Toluene (1II) 2.86E-15 Trichlorobenzene 1.45E-15 Trichlorobenzene 7.02E-14 Trichlorobe	A1-3C2 7 21-3	-		8 01E-10	21-327 5	A 48E-11
Fluoranthene 6.45E-13 Fluoranthene 6.45E-14 Phenanthrene 7.51E-16 Parathion obenzene 1.27E-15 Pyridine 9.72E-14 Tetrachlorobenzene 7.07E-12 Toluene 7.07E-12 Toluene 7.07E-12 Toluene 7.07E-12 Toluene 7.07E-14 Trichloroethene 7.07E-14 Trichloroethene 1.36E-15 Toluene 7.27E-14 Trichloroethene 7.27E	•	8 415-14	υ τ		5 /2E-14	4 90E 12
Fluorent Parameter 6.45E-14 Phenanthrene 6.45E-14 Phenanthrene 7.29E-12 Parathion 1.60E-16 Perathion 1.60E-16 Perathion 1.60E-16 Phenol Pyridine Pertachlorobenzene 1.27E-15 Pyridine Phenol 1.27E-15 Pyridine 1.27E-15 Pyridine 1.27E-14 Inchlorobenzene 1.36E-15 Inchlorobenzene 1.36E-15 Inchlorobenzene 1.36E-15 Inchlorobenzene 1.36E-15 Inchlorobenzene 1.36E-15 Inchlorobenzene 1.36E-16 Inchlorobenzene 1.36E-16 Inchlorobenzene 1.36E-16 Inchlorobenzene 1.35E-16 Inchlorobenzene 1.55E-15 Inchlorobenzene 1.36E-13 Inchlorobenz		- •	<u>.</u>	. 175-10	0.425	
Parathion Parathion Parathion Parathion Pentachlorobenzene Phenol Phenol Pyridine Py				NA.	5.45E-16	
Phenanthrene 2.51E-16 Pyrene 1.29E-12 Parathion 1.60E-16 Phenol 1.27E-15 Incharachlorobenzene 1.27E-14 Incharachloroethene 1.36E-15 Incharachloroethene 1.36E-15 Incharachloroethene 1.45E-14 Incharachloroethene 1.45E-14 Incharachloroethene 1.45E-15 Incharachloroethene 1.45E-15 Incharachloroethene 1.45E-15 Incharachloroethene 1.45E-15 Incharachloroethene 1.45E-15 Incharachloroethene 1.45E-15 Incharachloroethene 1.45E-13 Incharachloroethene 1.55E-15 Incharachloroethene 1.45E-13 Incharachloroethene 1.45E-13 Incharachloroethene 1.28E-13 Incharachloroethene 1.28E-15 Inch			9	.60E-20	5.43E-17	
Pyrene Parathion Perathion Penathion Pyridine Quinoline Tetrachlorobenzene Tetrachlorobenzene Toluche Tolucher		9	21E-19	2.27E-19	2.12E-19	2.60E-16
Parathion Parathion Pentachlorobenzene Phenol Phenol Phenol Phenol Phenol Phenol Pyse-15 Pyridine Tetrachlorobenzene Toluene Trichlorobenzene	•	m	19E-15	.62E-18	1.09E-15	
Pentachlorobenzene 7,93E-14 3.23E Phenol	•	M	95E-19	.17E-25	1.35E-19	-65F-
Phenol 1.27E-15 1.88E Quinoline 7.07E-12	2	-	96F-16	AN	6.67F-17	8 28F-14
Pyridine Quinoline Tetrachlorobenzene Tetrachlorobenzene Tetrachlorobenzene Trichlorobenzene Tri		M	135-18	NA	1 07E-18	1,6E-
Autholine Autholine Autholine Tetrachlorobenzene Tetrachlorobenzene Toluene Trichlorobenzene Tr	14.17E	ń			1 4	100
Tetrachlorobenzene 7.267-14 4.762 Tetrachloroethene 1.366-15 NA Toluene 1.366-15 NA Toluene 1.366-15 NA Toluene 1.366-15 NA Trichlorobenzene 1.366-14 5.346 Unsym. dimethyl hydrazine 3.136-10 3.556 Vapona Vinyl acetate 8.976-15 NA Vinyl chloride 6.326-16 4.755 Vinyl chloride 8.976-15 NA Vinyl chloride 6.326-16 NA Vinyl chloride 8.316-15 NA Xylenes (total) 1.556-15 NA Toluenium (III) 2.466 Cadmium (III) 2.466-13 NA Tron Copper 1.4 NA Toluene 1.4 NA Tolue	Y	אוויים אוויים	,	777	5	7 777 4
Tetrachloroethene 2.762-14 2.707c-14 2.706c-15 NA Trichloroethene 2.176-14 NA Trichloroethene 1.976-14 5.34c NA Trichloroethene 1.976-14 5.34c NA Trichloroethene 1.976-14 5.34c NA Vinyl acetate 3.73c-16 4.73c Ninyl acetate 8.97c-15 NA Vinyl chloride 8.37c-15 NA Chromium (III) 2.84c-15 NA Chromium (III) 2.84c-13 NA Copper Cadmium (VI) 7.02c-14 1.64c NA Copper NA Copp	4.716-17	0.00	01-100		7 302 47	-11
Trichlorobenzene 1.36E-15 NA Trichlorobenzene 1.97E-14 NA Unsym. dimethyl hydrazine 3.13E-10 3.55E Vapona (5.32E-16 4.73E Vinyl acetate (5.32E-16 4.73E Vinyl acetate (5.32E-16 4.73E Vinyl chloride (5.32E-15 NA Unstant) (5.33E-15 NA Unstant)	7.55E-	75-19	02E-17	Z.	בַּבְּ	4.1/E-14
Toluene Toluene Trichlorobenzene Trichloroethene Trichloroethe		AN.	NA	ď	A X	.36E-
Trichlorobenzene 1.97E-14 5.34E Trichloroethene 1.45E-14 NA Unsym. dimethyl hydrazine 3.13E-16 4.73E Vapona 6.32E-16 4.73E Vinyl acetate 8.97E-15 NA Vinyl chloride 8.97E-15 NA Vinyl chloride 8.31E-15 NA Commium (111) 2.46E-17 NA Copper 7.02E-14 1.64E Copper 7.02E-14 1.64E Copper 1.00E-14 NA Lead 8.69E-13 NA Zinc 7.34E-15 NA Zinc DB NA Libbw 1				NA	NA	.17E-
Trichloroethene 1.45E-14 NA Unsym. dimethyl hydrazine 3.13E-10 3.55E Vapona Vapona 6.32E-16 4.73E Vinyl acetate 8.31E-15 NA Vinyl chloride 3.31E-15 NA Vinyl chloride 3.31E-15 NA Vinyl chloride 3.31E-15 NA Cadmium (III) 2.84E-13 NA Copper Chromium (VI) 7.18E-13 NA Copper Lead Aceta 3.69E-13 1.09E NA Lead NA Copper Selenium 7.34E-12 NA Silver Selenium 7.34E-12 NA Zinc bh 11 De	-16 2	4	.87E-17 2.	.17E-20	1.66E-17	2.03E-14
Unsym. dimethyl hydrazine 3.13E-10 3.55E Vapona Vinyl acetate Vinyl acetate Vinyl chloride Vinyl		NA.		AN	AN	45F-
Vapona 6.32E-16 4.75E Vinyl acetate 8.97E-15 NA Vinyl chloride 8.97E-15 NA Xylenes (total) 1.55E-15 NA INORGANICS 9.60E-12 2.10E Arsenic 7.02E-14 1.64E Chromium (III) 2.84E-13 NA Chromium (VI) 1.00E-14 1.64E Chromium (VI) 1.00E-14 1.64E Chromium (VI) 1.00E-14 1.64E-13 NA Iron 2.19E-13 NA Hercury 4.57E-13 1.09E Silver 7.34E-15 NA Silver 3.24E-15 NA Silver 3.24E-15 NA DM 1 1 Um 1 1	-00-	7		32F	63F	A7E.
acetate 8.97E-15 NA Chloride 8.31E-15 NA 1.55E-15 NA 1.55E-15 NA 1.55E-15 NA 1.55E-15 NA 1.64E NA 1.00E-14 1.64E NA 1.00E-14 NA 1.00E-14 NA 2.19E-08 NA 3.69E-13 NA 3.69E-13 NA 3.69E-13 NA 3.69E-13 NA 3.69E-15 NA 3.69E-15 NA 1.18E-12 NA 3.24E-12 NA 1.18E-12 NA 1.18E-13 N	-17	16E-22	56E-18 4	78E-25	5 325-10	מות מ
chloride 8.31e-15 NA 1.55e-15 NA 1.55e-15 NA 1.55e-15 NA 1.64e NA 1.00e-14 1.64e NA 1.00e-14 1.64e NA 1.00e-14 NA 1.00e-14 NA 1.18e-13 NA 1.09e NA 1.18e-12 NA 1.18e-12 NA 1.26e-15 NA 1.2		-	2	2 4	1 4	170
s (total) 1.55e-15 NA 1.55e-15 NA 1.64e NA 1.00e-14 1.64e NA 1.00e-14 1.64e NA 1.00e-14 1.64e NA 1.18e-13 NA 1.18e-13 1.09e NA 1.18e-15 NA 1.18e-15 NA 1.26-15 NA 1.18e-15 NA		2	Z 2	Z 2	¥ ×	216
C C C C C C C C C C C C C C C C C C C		¥ = 4	× × ×		¥ ×	1 555 15
INORGANICS Arsenic Cadmium Chromium (III) Chromium (VI) Copper C		XN.	Y.	4	Y.	300
Arsenic Cadmium (III) 2.10E 7.02E 14 1.64E Cadmium (III) 2.84E 13 NA Chromium (VI) 1.00E 14 NA Copper Cadmium (VI) 7.18E 13 NA Iron 2.19E 08 NA Copper Cadmium (VI) 7.18E 13 NA NA Cadenium 7.34E 13 1.09E Silver 7.34E 15 NA Zinc 5.64E 15 NA Zinc 5.64E 15 NA Cadmium 7.34E 15 NA Cadmium 7.						
7.02E-14 1.64E In (111) 2.84E-13 NA In (00E-14 NA	-13 7	.73E-16 2.		.10E-14	08E	9.92F-12
Im (III) 2.84E-13 NA 1.00E-14 NA 1.00E-14 NA 2.19E-08 NA 3.69E-13 1.09E NA 1.18E-12 NA 7.34E-12 NA 3.24E-12 NA 1.09E NA	1-15 1-04E-16	25E-18 1.	73E-16		5.91E-18	7.215-14
1,00E-14 NA 7,18E-13 NA 7,18E-13 NA 7,18E-13 NA 3,69E-13 NA 4,57E-13 1,09E MA 7,34E-12 NA 3,24E-12 NA 3,24E-12 NA 1 UM 1		NA N	NA NA	N.	Z	2.84E-13
7.18E-13 NA 2.19E-08 NA 2.59E-13 NA 4.57E-13 1.09E 7.34E-15 NA 3.24E-17 NA 5.24E-17 NA 1 Um	AN AN	AN	NA	NA	AN	1.00F-14
2.19E-08 3.69E-13 NA 4.57E-13 1.09E NA 7.34E-12 NA 3.24E-12 NA 3.24E-12 NA 1.09E 1.09E		4	NA 2	64F-15	AN	7 20F-13
3.69E-13 NA 4.57E-13 1.09E 1.18E-12 NA 7.34E-15 NA 3.24E-12 NA 3.24E-12 NA 1 Um 1		AN			W	2 10E-08
7.34E-12 NA 3.24E-12 NA 3.24E-12 NA 3.24E-12 NA 3.24E-12 NA 11 NA 3.24E-12 NA 11 NA	42	47	AN AN	N AN	NA.	3 60F-13
1.18E-12 NA 7.34E-15 NA 3.24E-12 NA 5.24E-12 NA bw 1	- 14 2	4. 66F-15	13F-15	AN	3.85F-17	4 74F-13
7.34E-15 N 3.24E-12 N Br br um	NA	NA		A	AN	1 18F-12
3.24E-12 NF		V.	NA	MA	NA.	- 47E
rd dd		C N	NA	84F-15	NA.	2/E
C. C.		i				
	10 M3/day					
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manuscript and the first of the standard of the factor of	41					

18-Jun-91 INHALATION BREAST MILK 16:16:24 (mg/kg/day) (mg/kg/day) RES-A Interpretation of the condition of the condition of the chloride of t	18-Jun-91 16:16:24 RES-A	NFAN I IOIAL	EXPOSURE	
one intrile 1.87E-14 3.24E-16 1.90 on intrile 1.66E-11 1.66E-11 1.03 on intrile 1.66E-11 1.66E-11 1.03 on intrile 1.66E-11 1.03 on intrile 1.66E-11 1.03 on intrile 1.66E-12 1.03 of the interest of the intrile 1.03 of the intri				
one interies 1.87E-14 3.24E-16 1.90 ontointrile 7.06E-17 1.69E-11 1.09	ORGANICS			
1.69e-11 8.64e-11 1.03 2.62e-17 8.72e-14 7.21 2.62e-17 8.72e-14 7.21 2.62e-17 8.72e-17 1.13 2.62e-17 8.72e-17 1.13 2.62e-13 1.15e-12 3.62 2.62e-13 1.15e-12 3.62 2.62e-13 1.15e-12 3.62 2.62e-13 1.15e-12 7.58 2.62e-14 1.26e-15 5.55e-13 7.67 2.62e-12 1.26e-13 7.67 2.62e-14 1.26e-14 2.30e 2.62e-14 1.26e-15 1.22e-15 7.11 2.66e-14 1.26e-15 1.22e-15 7.11 2.66e-14 1.26e-16 1.22e-15 7.11 2.66e-15 1.65e-16 1.25e-16 1.22e-16 1.22e-17 1.22e	cetone	1.87E-14	3.24E-16	1.90
7.19e-12 2.22e-14 2.62e-17 2.62e-17 2.62e-17 2.62e-17 2.62e-17 2.62e-17 2.62e-17 2.62e-14 2.36e-14 2.16e-15 2.16e-15 2.62e-14 2.16e-15 2.16e-17 2.62e-12 2.62e-12 2.62e-12 2.62e-12 2.62e-12 2.62e-12 2.62e-12 2.62e-12 2.62e-12 2.62e-13 2.62e-14 2.62e-12 2.62e-12 2.62e-13 2.62e-14 2.62e-12 2.62e-14 2.62e-12 2.62e-14 2.62e-12 2.62e-14 2.62e-12 2.62e-14 2.62e-12 2.62e-14 2.62e-14 2.62e-15 2.62e-14 2.62e-15 2.62e-14 2.62e-15 2.62e-14 2.62e-15 2.62e-14 2.62e-16 2.62e-17 2.62e-16 2.62e-17 2.62e-16 2.62e-17 2.62e-17 2.62e-16 2.62e-17 2.62e-16 2.62e-17 2.62e-16 2.62e-17 2.62e-17 2.62e-16 2.62e-17 2.66e-13 2.66e-14 2.66e-15 2.66e-15 2.66e-15 2.66e-16 2.66e-17 2.66e-16 2.66e-17 2.66e-16 2.66e-17 2.6	cetonitrile	1.69E-11	8.64E-11	1.03
2.62e-17 2.62e-17 2.65e-17 2.67e-12 2.87e-15 2.87e-15 2.87e-15 2.87e-15 2.10e-12 2.10e-12 2.10e-12 2.10e-12 2.10e-12 2.12e-13 2.16e-13 2.16e-14 2.12e-14 2.12e-15 2.34e-16 2.34e-17 2.34e-16 2.36e-17 2.34e-16 2.36e-17 2.34e-16 2.36e-17 2.34e-17 2.34e-16 2.30e-16 2.36e-17 2.3	crylonitrile	7.19E-12	2.22E-14	7.21
9.50E-13 2.67E-12 3.62 5.87E-15 1.53E-14 2.11 4.33E-13 1.55E-18 2.16 2.16E-13 5.55E-13 7.57 4.62E-12 1.23E-11 7.57 1.97E-15 5.14E-15 7.57 2.12E-12 3.68E-14 2.16 1.97E-15 3.68E-14 2.16 1.97E-15 3.68E-14 2.16 1.31E-15 2.76E-14 2.30E-15 1.30E-15 1.30E-15 1.30E-15 1.30E-15 1.30E-16 1.3	ldrin	2.62E-17	8-72E-17	1.13
5.87E-15 1.53E-14 2.11 5.47E-15 1.53E-14 1.55E-12 2.16E-13 2.16E-12 2.16E-13 2.17E-12 7.58 2.10E-13 5.55E-14 1.59E-14 2.16E-15 3.68E-14 1.02E-14 1.02E-15 1.02E-14 1.02E-16 1.02E-17 1.	Aniline	9.50E-13	2.67F-12	3,62
tral) 4.33E-13 4.35E-13 5.44E-15 5.44E-15 5.44E-15 5.44E-15 6.29E-18 5.45E-17 1.36E-17 1.36E-17 1.36E-17 1.34E-16 5.44E-14 5.44E-14 5.44E-14 5.44E-14 5.44E-14 7.31E-17 1.34E-15 7.45E-15 7.46E-17 7.31E-17	trazine	5 87E-15	1 535-1/	2 44
tal) 2. 10e-12 2. 12e-13 2. 12e-13 2. 12e-13 2. 12e-13 2. 12e-13 2. 12e-13 2. 12e-14 1. 97e-15 2. 14e-15 2. 14e-15 2. 14e-15 2. 14e-16 2. 14e-17 2. 14e-16 2. 14e-17 2. 14e-16 2. 14e-17 2. 14e-16 2. 14e-16 2. 14e-17 2. 14e-16 2. 14e-17 2. 14e-18 2. 14	przej debyde	7. 225. 12	1 155	
tall) 2.44e-15 2.46e-17 2.47e-18 2.47e-17 4.62e-17 4.62e-17 1.97e-18 2.47e-19 2.46e-17 1.21e-15 2.46e-19 2.46e	on the light	4.335.13	21-36-16	YC
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ylene chloride 3.90E-13 6.77E-15 3.97E yl ethyl ketone 8.17E-15 3.08E-14 3.89E thyl khone 7.41E-15 2.01E-14 3.89E thylphenol 7.41E-15 2.01E-14 2.76E methyl hydrazine 5.19E-11 2.85E-09 2.90E thalene carbonitrile 4.62E-12 1.20E-11 1.66E trosodimethylamine 5.28E-14 1.82E-12 1.88E cenaphthalene 2.10E-13 5.39E-13 7.49E	S	-395.	1.12E-16	6.57E
yl ethyl ketone 8.17E-15 3.08E-14 3.89E thylphenol 7.41E-15 2.01E-14 2.76E methyl hydrazine 5.19E-11 2.85E-09 2.90E thalene carbonitrile 4.62E-12 1.20E-11 1.86E trosodimethylamine 2.10E-13 5.46E-13 7.57E cenaphthene 2.10E-13 5.39E-13 7.49E		-90E-	6-77E-15	3.97
thy phenol 7.41E-15 2.00E-14 2.70E 14 2.85E-09 2.90E 8.74E-16 2.27E-15 3.14E 14 1.82E-12 1.20E-11 1.66E 11 1.82E 12 1.88E 14 1.82E-12 1.88E 14 1.82E-12 1.88E 14 1.82E-12 1.88E 14 1.82E-13 7.57E 1.88E 14 1.82E-13 7.57E 18 1.88E 14 1.82E-13 7.57E 18 1.88E 1	ethyl othyl betone	175	Z 000 Z	200
tiny(pienot (.41E-15 2.01E-14 2.70E) methyl hydrazine 5.19E-11 2.85E-09 2.90E thalene carbonitrile 4.62E-12 1.20E-11 1.66E trosodimethylamine 5.28E-14 1.82E-12 1.88E cenaphthalene 2.10E-13 5.46E-13 7.57E	- Mother Laborat	11	1,000.0	0.00
methyl hydrazine 5.19E-11 2.85E-09 2.90E thatene the second string 8.74E-16 2.27E-15 3.14E thatene carbonitrile 4.62E-12 1.20E-11 1.66E trosodimethylamine 2.10E-13 5.46E-12 1.88E cenaphthane 2.10E-13 5.39E-13 7.49E	- meriny iphenol	-1-	Z.U1E-14	7. / OE - 14
thalene that the state of the s	onomethyl hydrazine	5.19E-11	2.85E-09	2.90E-09
thalene carbonitrile 4.62E-12 1.20E-11 1.66E trosodimethylamine 5.28E-14 1.82E-12 1.88E cenaphthalene 2.10E-13 5.39E-13 7.49E	aphthalene	74F-1	2.27F-15	3 14F-15
cenaphthene 2.10E-13 5.39E-13 7.49E	Carboniteri	4.30	1000	7777
cenaphthalene 2.10E-13 5.46E-13 7.57E	-	- 270		1.00E-11
cenaphthalene 2.10E-13 5.46E-13 7.57E-1	-Nitrosodimetnylamine	.28E-1	_	88.
ne 2.10E-13 5.46E-13 7.57E-1 2.10E-13 5.39E-13 7.49E-1	AHS			
2.10E-13 5.39E-13 7.49E-1	Acenaphthalene	.10E-1	146F-1	57F-1
74	Acenanhthene	105-1	ZOE - 1	107
4 101 4 100 4	Donald Division	200	-346.	1475

Inhalation or slope story and story care the sector factor selected and story care that the sector story care that the sector story care that the sector selected and selected			TABLE 28		
Supper Stope Stope Stope Stope Stope Stope Stope Stope State State State State State Stope Stope Stope State State State State State State Stope	86		CARCINOGENIC S	LOPE FACTORS	((mg/kg-day)-1;
SENSITIVITY CASE SENSITIVITY CASE SENSITIVITY CASE SENSITIVITY CASE Addrin Aniline Addrin Aniline Addrin Aniline BisCaterphylexyl)phthalate Carbazole Carbazole Carbazole Carbon Tetrachloride 1,40 ichlorocthane 1,20 ichlorocthane 1,10 ichlorocthane 1,10 ichlorocthane 1,10 ichlorocthane 1,10 ichlorocthane 1,10 ichlorocthane 1,10 ichlorocthane 1,20 ichlorocthane	101		Inhalation	Oral	Dermal
Acrylonitrile Acrylonitrile Aldrin Aniline Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbazole Carbazole 1,40E-02 2,00E-02 1,1-01chlorocthane 1,2-Dichlorocthane 1,3-Dichlorocthane 1,1-Dichlorocthan Methyl chloride Methyl hydrazine 1,0E+00 1,1-Dichlorocthane 1,0E+00 1,0E+00 1,1-Dichlorocthane 1,0E+00 1,		RES-A SENSITIVITY CASE	Factor	Factor	Factor
Acrylonitrile Acrylonitrile Acrylonitrile Addin Addin Addin Ansiline Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbazole Carbazole Carbazole Chloroform 1,4-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,1-Dich					
Acrylonitrile 2.40E-01 5. Aldrin Aniline 5.70E-03 5. Bis(2-ethylhexyl)phthalate 2.90E-02 2. Carbazole 2.00E-02 2. Carbazole 1.40E-02 1. Chloroform 1.40E-02 2. 1,1-Dichloroethane 2.40E-02 2. 1,1-Dichloroethane 1.20E+00 6.1 1,1-Dichloroethane 2.40E-02 2.4 1,1-Dichloroethane 1.20E+00 6.1 Lindane 1.20E+00 6.1 Hydrazine 1.20E+00 6.1 Lindane 1.30E-01 1.30E-01 1.40E-02 6.1 Methylene chloride 6.30E-02 6.1 Methylene chloride 1.30E-00 1.1 Methylene chloride 6.30E-02 7.1 Methylene chloride 6.30E-02 7.1 Methylene chloride 1.30E+00 1.1 Methylene chloride 6.30E-01 1.1 Methylene chloride 1.30E+00 1.1 Methylene chloride 6.30E-01 1.2 Chrysene 1.10E+00 1.1 Methylene chloride 5.10E+00 1.1 Chrysene 1.10E+00 1.1 Methylene chloride 5.10E+01 1.2 Tetrachloroethene 1.20E+01 1.2 Napona Vinyl chloride 2.95E-01 2.3 Ninyl chloride 2.95E-01 2.3 Ninyl chloride 2.95E-01 2.3 Ninyl chloride 2.95E-01 1.7 Cadmium (VI) 4.10E+01 Total		ORGANICS			
Aldrin Aniline Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbazole Carbazole 1,4-Dichloroechane 1,2-Dichloroechane 1,30E-00 1,4-Dichloroechane 1,30E-00 1,4-Dichloroechane 1,30E-00 1,4-Dichloroechane 1,30E-00 1,4-Dichloroechane 1,30E-00 1,4-Dichloroechane 1,30E-00 1,7-Dichloroechane 1,30E-00 1,7-Dichloroechane 1,30E-00 1,7-Dichloroechane 1,30E-00 1,7-Dichloroechane 1,30E-00 1,7-Dichloroechane 1,30E-00 1,4-Dichloroechane 1,30E-00 1,7-Dichloroechane 1,30E-00 1,30E-	109	Acrylonitrile	2.40E-01	5.40E-01	NC
Aniline Benzene Benzene Benzene Benzene Benzene Benzene Benzene Carbazole Carbazole Carbon Tetrachloride 1,40E-02 2.00E-02 2.00E-03 2.00E-	110	Aldrin	1.70E+01	1.70E+01	3.40E+01
Bis(2-ethylhexyl)phthalate 2.90E-02 1.6 carbon Tetrachloride 2.00E-02 2.1.6 carbon Tetrachloride 2.00E-02 2.1.4-Dichlorockhane 1,2-Dichlorockhane 2.40E-02 2.1.1.2-Dichlorockhane 2.40E-02 2.1.1.2-Dichlorockhane 1,2-Dichlorockhane 2.40E-02 2.2.1.1.2-Dichlorockhane 2.40E-02 2.2.1.1.2-Dichlorockhane 2.40E-02 2.2.Dichlorockhane 2.40E-02 2.2.Dichlorockhane 2.20E-01 1.20E+01 1	111	Aniline	5.70E-03	5.70E-03	1.14E-02
Carbazole Carbon Tetrachloride Carbon Tetrachloride 1,4-Dichlorocéhane 1,1-Dichlorocéhane 1,2-Dichlorocehane 1,30E-02 1,1-Dichlorocehane 1,30E-02 1,1-Dichlorocehane 1,30E-01 1,30E-02 1,30E-01 1,30E	7 7	Benzene Bis/2-othy/howy/ Juhthaloto	2.90E-02	2.90E-02	NC LOG C
Carbon Tetrachloride Chloroform Chloroform 1,4-Dichloroechane 1,2-Dichloroechane 1,30E-02 1,10E+01 1,2-Dichloroechane 1,30E+01	175	Carbazole	2.00F-02	2 OUE 02	7.00E-02
Chloroform 1,4-Dichloroechane 1,2-Dichloroechane 1,30E+00 1,30	115	Carbon Tetrachloride	1.30E-01	1.30E-01	NC OC
1,4-Dichlorochane 2.40E-02 2.47,1-Dichlorochane 9.10E-02 9.77-Dichlorochane 1.20E+00 6.17,1-Dichlorochane 1.20E+00 6.17,1-Dichlorochane 1.20E+01 1.4-Dichlorochane 1.20E+01 1.4-Dichlorochane 1.20E+01 1.4-Dichlorochane 1.20E+01 1.4-Dichlorochane 1.20E+01 1.30E+01 1.4-Methyl chloride 6.30E-03 1.30E+01 1.4-Methyl hydrazine 1.40E-02 7.15-Methyl hydrazine 1.40E-01 7.15-Methyl	116	Chloroform	8.10E-02	6.10E-03	2
1,2-Dichloroechane 1,3-Dichloroechane 1,3-Dichloroechane 1,3-Dichloroechane 1,3-Dichloroechane 1,3-Dichloroechane 1,1-Dichloroechane 1,1-Dichloroe	117	1,4-Dichlorobenzene	2.40E-02	2.40E-02	NC
1,7-Dichloroctinate 1,20E-02 5,7 1,7-Dichloroctinate 1,20E-06 6,1 1,2-Dichloroctopane 6,80E-02 6,1 1,4-Dichloroctopane 1,50E-00 1,1 1,4-Dichloroctopane 1,50E-00 1,1 1,4-Methyl chloride 1,30E-00 1,1 1,4-Methyl chloride 6,30E-03 1,1 1,4-Methyl chloride 6,10E+00 1,1 1,50E+01 1,2 1,10E-00 1,1 1,10E+00 1,1 1	2 0	1,1-Dichloroechane	20 101	20 101	, ,
1,2-Dichloropropane 6.80E-02 6.30 Bieldrin 1.60E+01 1.60	120	1,1-Dichloroethene	1.205+00	6 00E-02	1-82E-01
Dieldrin Hexachlorobenzene Hydrazine Lindane Lindane Lindane Lindane Lindane Lindane Hydrazine Hydrazine Hydrazine A-Methylchenol Monomethyl hydrazine In Nitrosodimethylamine Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Chrysene Dibenzo(a,h)anthracene Chrysene Dibenzo(a,h)anthracene Chrysene Dibenzo(a,h)anthracene Chrysene Dibenzo(a,h)anthracene Chrysene Dibenzo(a,h)anthracene Chrysene Chrowiowline Trichloroethene Vinyl chloride Vinyl chloride Lice-00 Lice-00 Lice-00 Chromium (VI) Total AED Adult E CED Child I	121	1,2-Dichloropropane	6.80E-02	6.80F-02	2 2
Hexachlorobenzene	122	Dieldrin	1.60E+01	1.60E+01	3.20E+01
Hydrazine Lindane Methyl chloride Methylene chloride 4-Methylphenol Monomethyl hydrazine Nonomethyl hydrazine Nono	123	Hexachlorobenzene	1.60E+00	1.60E+00	3.20E+00
Methyl chloride 6.30E-03 1.30E+00 1.30E	124	Hydrazine	1.71E+01	3.00E+00	6.00E+00
Methyl chloride 4-Methylphenol Anomethyl hydrazine n-Nitrosodimethylamine pAHs Benzo(a)pyrene Chrysene Olibenzo(a,h)anthracene G.10E+00 Chrysene Ouinoline Tetrachloroethene Trichloroethene Vinyl chloride NongANICS Arsenic Chromium (VI) Total AED Adult E CED Child I	22	Lindane	1.30E+00	1.30E+00	2.60E+00
4-Methylphenol Monomethyl hydrazine n-Nitrosodimethylamine pAHs Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Quinoline Tetrachloroethene Trichloroethene Vapona Vinyl chloride INORGANICS Arsenic Chromium (VI) Total AED Adult E CED Child I ED Infant	27	Methylene chloride	0.50E-US	1.30E-02	2 5
Monomethyl hydrazine 1.10E+00 1.3 n-Nitrosodimethylamine 5.10E+01 5.3 Behzo(a)pyrene 6.10E+00 1.3 Chrysene 6.10E+00 1.3 Dibenzo(a,h)anthracene 6.10E+00 1.3 Quinoline 7.20E+01 1.2 Irichloroethene 7.30E-03 5.7 Trichloroethene 7.30E-03 5.7 Trichloroethene 7.30E-01 1.3 Vapona Vinyl chloride 2.99E-01 2.3 INORGANICS Arsenic 6.10E+00 Cadmium (VI) 4.10E+01 1.7 Total AED Adult E CED Child IED Infant	128	4-Methylphenol	30 301	- 30E- 03	2
n-Nitrosodimethylamine 5.10E+01 5.7 Pals Benzo(a)pyrene 6.10E+00 1.7 Chrysene 6.10E+00 1.7 Dibenzo(a,h)anthracene 6.10E+00 1.7 Parathion 4.10E+01 1.2 Inordanium (VI) 4.10E+01 1.7 Total AED Adult E CED Child I	5	Monomethyl hydrazine	1.10E+00	1.10E+00	2.20E+00
Benzo(a)pyrene	30	n-Nitrosodimethylamine	5.10E+01	5.10E+01	1.02E+02
Chrysene 6.10E+00 1.1 Dibenzo(a,h)anthracene 6.10E+00 1.1 Dibenzo(a,h)anthracene 6.10E+00 1.1 Dibenzo(a,h)anthracene 6.10E+00 1.1 Tetrachloroethene 3.30E-03 5.7 Trichloroethene 3.30E-03 5.7 Trichloroethene 3.30E-03 5.7 Trichloroethene 2.90E-01 2.5 Vinyl chloride 2.95E-01 2.3 Arsenic 6.10E+00 6.10E+00 Chromium (VI) 4.10E+01 1.7 Total	2 2	PARS	401.00		201.00
Disprace (a, h) anthracene (c, 10E+00 1.1) Parathion (a) (a) (a) (a) (b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	34	Chrysone	6 105+00	1 155+01	2.50E+U1
Parathion Quinoline Tetrachloroethene 3.30E-03 5.1 Trichloroethene 3.30E-03 5.1 Trichloroethene 3.30E-03 5.1 Trichloroethene 3.30E-03 5.1 INORGANICS 2.95E-01 2.3 Arsenic 6.10E+00 6.10E+00 Chromium (VI) 4.10E+01 Total	34	Dibenzo(a.h)anthracene	6, 10F+00	1.15E+01	2.30E+01
Quinoline Tetrachloroethene Trichloroethene Tr	35	Parathion			10.305.3
Tetrachloroethene 3.30E-03 5.1 Trichloroethene 1.10E-02 1.1 Vapona 2.90E-01 2.3 Vinyl chloride 2.95E-01 2.3 INORGANICS 1.50E+01 1.7 Cadmium (VI) 4.10E+01 Total AED Adult E CED Child E CID Child I III	36	Quinoline	1.20E+01	1.20E+01	2.40E+01
Trichloroethene 1.10E-02 1.1 Vapona 2.90E-01 2.5 Vinyl chloride 2.95E-01 2.3 INORGANICS 1.50E+01 1.7 Cadmium (VI) 4.10E+01 Total AED Adult E CED Child E CID Child I	137	Tetrachloroethene	3.30E-03	5.10E-02	NC.
Vapona Vinyl chloride 2.9E-01 2.5 INORGANICS Arsenic Cadmium Chromium (VI) Total AED Adult E CED Child E CID Child I	38	Trichloroethene	1.10E-02	1.10E-02	NC
Vinyl chloride 2.95E-01 2.3 INORGANICS Arsenic 6.10E+00 Chromium (VI) 4.10E+01 Total AED Adult E CED Child E CID Child I	39	Vapona	2.90E-01	2.90E-01	5.80E-01
INORGANICS Arsenic Cadmium Chromium (VI) Total AED Adult E CED Child E CID Child I	140	Vinyl chloride	2.95E-01	2.30E+00	NC NC
Arsenic 6.10E+01 1.7 Cadmium (VI) 6.10E+00 Chromium (VI) 4.10E+01 Total AED Adult E CED Child E CID Child I		NORGANICS			
Cadmium (VI) 6.10E+00 Chromium (VI) 4.10E+01 Total AED Adult E CED Child E CID Child I		Arsenic	1.50F+01	1.75F+00	3 50F±01
Chromium (VI) 4.10E+01 Total AED Adult E CED Child E CID Child IED Infant	77	Cadmium	6.10E+00	NC C	
Total AED Adult E CED Child E CID Child I	45	Chromium (VI)	4.10E+01	2	2
Total AED Adult E CED Child E CID Child I IED Infant	94				
AED Adult E CED Child E CID Child I IED Infant	47	Total			
AED Adult E CED Child E CID Child I IED Infant	φ, (
CED Child E CID Child I IED Infant	7 t			ult Exposure	Duration
CID CN1(d)	20			ild Exposure	Duration
	- 6			fort Execution	on Duration
TIN THEORY TAKES AND THE STATE OF THE STATE	1 1				a naration

0	DERMAL TOTAL EXPOSURE ADULT CARC. CARC. RISK RISK		3.32E-20 4.5 NA	15 3.05E-15 2.45E-14 NA NA
E J	SOIL/DUST FISH INGESTION INGESTION CARC. CARC.	6.5 22 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6. 6.	NA NA 4.52E-26 5.61E-26 NA NA	4.14E-15 7.82E-15 NA NA
¥	BEEF INGESTION CARC. RISK	2. 2. 4. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	3.25E-23 NA	4.78E-17 NA
1 29 CARCINOGENIC RISK	MILK INGESTION CARC. RISK	1. C. 2. 1. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	8.29E-23 NA	3.65E-15 NA
TABLE 29 ADULT CARCIN	VEGETABLE INGESTION CARC. RISK	211 LIG 4 1/20 1	NA 4.47E-18 NA	5.84E-15 NA NA
ت ع	RES-A SENSITIVITY CASE	Acrylonitrile Acrylonitrile Aldrin Aldrin Aniline Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbon Tetrachloride Chloroform 1,4-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,4-Dichloroethane 1,4-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane Chrysene Chrysene Chrysene Dibenzo(a,h)anthracene Parathion Quinoline Tetrachloroethene	Trichloroethene Vapona Vinyl chloride INORGANICS	Chromium (VI)

U		œ	S	-	>	>	Z	<
	TABLE 30 CHILD CARCINOGENIC	GENIC RISK						
RES-A SENSITIVITY CASE	INHALATION CARC. RISK	VEGETABLE INGESTION CARC. RISK	MILK INGESTION CARC. RISK	BEEF INGESTION CARC. RISK	SOIL/DUST INGESTION CARC. RISK	FISH INGESTION CARC. RISK	DERMAL EXPOSURE CARC. RISK	TOTAL CHILD CARC. RISK
ORGANICS								
Acrylonitrile	Z 775.11	VI	MA	Att	KA	VI	***	
Aldrin	0 775-18	7 405-18	7 25E.10	2 185-20	1 105-10	7 705.27	A DRE-20	1 775-17
Aniline	1 18F-16	5 A6E-17	1 0/E-21	1 76E-22	1 4/4-18	2 15E-22	0 81E-10	
Benzene	3.44E-18	NA NA	NA	NA	NA	NA	NA	3 44E-18
Bis(2-ethylhexyl)phthalate	3.56F-19	2 05F-10	2 42F-10	1 205-20	16-37F 2	7 34E-77	2 05F-21	R 12F-10
Carbazole	4 15F-18	2 73E-10	3 77E-22	6 28F-23	5 05E-20	1 075-23	7 76E-20	· ·
Carbon Tetrachloride	7 825-17	7 7 7	33 41	7. TO	J.O.L.	2 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	7.44.5	0 0
Chloroform	7 1/E-14	¥ 1	2 2	Y Y	¥.	¥ :	ď.	4/1 4/1
1 Control on the second	4. 146-10	AN.	¥.	¥ .	NA :	AN .	AN :	4
1,4-Dichioropenzene	1.80E-19	NA.	A	A.	AN	AN	A.	1.80E-19
1, 1-Dichloroethane	W.			3	¥		y	H
1,2-Dichloroethane	9.66E-18	6.06E-18	1.49E-22	2.52E-23	1.18E-19	8.40E-25	8.01E-20	1.59E-17
1,1-Dichloroethene	2.18E-16	NA	NA	NA	NA	NA	N	2.18E-16
1,2-Dichloropropane	4.58E-18	NA	AN	AN	NA	NA	AN	4.58E-18
Dieldrin	1.68E-17	8.58E-17	5.64E-20	5.74E-21	2.05E-19	2.78E-24	1.40E-19	1.03E-16
Hexachlorobenzene	4.45E-15		4-80E-18	6.25E-19	5.42E-17	1.11E-19	3.69E-17	4-77F-15
Hydrazine	6.14E-11	1.37E-09	2.02E-18	3.42E-19	1.31E-13	1.70E-20	8.94E-14	1-43F-09
Lindane	6.35E-19	4.77F-20	5 84F-23	9.71F-24	7 77F-21	0.01F-27	5 27E-21	6 OKE-10
Methyl chloride	8 AGE 10	1 47	VA	1 41	1 42	1 11	1	8 80E-10
Methylane chloride	1 105-16						¥ =	
4-Methylphanol	1.175-10	2 2	¥ 1	¥ !	Z Z	Z Z	Z :	1.1%
Honomothyl hydronine	מייר ל	N V	N T T	NE OC	2 2	E NE	N C	NE S
nolomethyt mydrazine n-Nitrosodimethylamine	5.876-14	1.19E-10	2.33E-19	3.95E-20	7.152E-14	1.98E-21	1.05E-14	1.20E-10
PAHS		1		707	17:	00.700	2	1
Benzo(a)pyrene	5.62F-14	6.06F-16	5 24F-16	4 ARE-17	1 20F-15	2 ANE-10	A ROF-16	5 OKE-14
Chrysene	5 625.15	2 425.14	1 825-17	2 145.19	1 205-14	4 FBE- 10	2 80E-17	4 125 15
Dihenzo(a h)anthracene	5 625-16	202 202 4	7 075	F / 7F 17	1 201 15	1 / 75 14	0 000 17	7 24 2
Donothion	1	2 100.0	מים מים	2.4/4.0	C1 - 2/2 · 1	2 - 1 - 1	0.000	5
	NE STE	F	N. S.	N. I.	2	N N	N N	Z
adi locale	1.256-14	2.69E-15	5.28E-19	5.54E-20	1.52E-16	1.25E-20	1.03E-16	1.54E-14
Tetrachloroethene	6.42E-20	AN	N.	AN	NA	NA	AN	6.42
Trichloroethene	2.28F-18	N	MM	NA	MM	NA	NA	2 28
Vapona	2 625-18	A 025-10	26-37/2	4 ZZE- 2/	7 105-20	0 805.27	2 175-20	7 77
Vinvi chloride	3 50F-17	NA NA	C2 -3+1.C	NA 25-24	NA	7.07E-21	4. ITE-20	2 50E- 17
		¥	ž	ž	Š	Z.	ž	7.0
INORGANICS								
Arsenic	2.06E-12	8.23E-16	1.65E-15	9.31E-18	2.92E-15	1.38E-15	1.99E-15	2.07
Cadmium	6.12E-15	NA.	AN	NA	NA	NA	NA	6.12
Chromium (VI)	5.86E-15	AN	N	NA.	AN	AN	AN	5.86E-15

CASE	HITCHES INCHES	CARCINOGENIC RISK	
IIVITY CASE LOS srylonitrile idrin			
ENSITIVITY CASE ACANICS Acrylonitrile Aldrin	INHALATION	BREAST MILK	TOTAL
Actylonitrile Actylonitrile Aldrin	RISK.	CARC	CARC
KGANICS Acrylonitrile Aldrin		RISK	RISK
GANICS Acrylonitrile Aldrin			
Acrylonitrile Aldrin		į	
Aldrin	2.46E-14	1.71E-16	2.48E-14
	6.37E-18	2.12E-17	2.76E-1
Aniline	7.74E-17	2.17E-16	2.94E-1
Benzene	2.25E-18	2.61E-21	2.26E-1
Bis(2-ethylhexyl)phthalate	2.33E-19	1.80E-18	2.03E-1
Carbazole	2.71E-18	6.99E-18	9.70F-1
Carbon Tetrachloride	5.12F-17	8 80F-10	5 216-1
Chloroform	2 715-16	3 5/E-10	2 7/5-1
1.4-Dichlorohenzene	1 185-10	2 OSE 21	1 200
i f-Dichothana	101	Z - 0.7	1103.1
1.2-Dichloroethane		1 87E-17	מ מ
1-1-Dichloroethane	1,35.	2/5-1/	4 77E-4
1.2-Dichloropropapa	000	202 302	7 055
Dieldrin	105	7 035-17	0.426-4
Hexach orohenzene	010	1 405-17	7 702 7
Hydrazine	6.71E-13	5 565-10	F 045-10
indane	145	1 075-19	
Mothyl of original	100	0.00	
	7 905 17	Z-08E-20	
/ Mathylene Circol de	- SUE	(1.404-19	
4-mernyiphenol	¥	¥	빌
Monomethyl hydrazine		.48E	
n-Nitrosodimethylamine	3.84E-14	1.33E-12	1.37E-12
PAHS			
Benzo(a)pyrene	3.68E-14	1.77E-13	2.14E-13
Chrysene	.68E	77E	-37
Dibenzo(a,h)anthracene	-68E	1.78E-13	2,15F-13
Parathion	¥	, L	1 5
Quinoline	8 14E-15	2 185-17	2 005-1
Tetrachloroethene	70E-20	1 125.20	E 22E 30
Trichloroethene	1 705-18	2 505.20	1.335.4
Vanona	1 745 10	7 272 40	705 10
Vaporia - F. C	01-10	4.3%E-18	0.3UE-
Vinyl chloride	2.29E-17	3.10E-18	2.60E-1
TNOBCANTCE			
SOLUTION I CO			
Arsenic	1.35E-12	AN	1.35E-1
Cadmium	4.00E-15	NA	4.00E-1
Chromium (VI)	3.84E-15	NA	3.84E-15
Total	4.25F-11	6.03F-10	6 45F-10

AL	TOTAL LIFETIME CARC. RISK				19 9.18E-16 17 1.14E-14 13 1.14E-08 20 2.58E-18 1.98E-16		5 2.83E-13 6 3.01E-14 5 2.87E-13 NE 6 6.56E-14 1.17E-19 3.80E-18 3.80E-18 6.10E-17	5 3.44E-12 1.01E-14 9.70E-15
¥	DERMAL EXPOSURE CARC. RISK	2.0	8.7	2.03E-19 NA NA	3.53E-19 9.33E-17 2.26E-13 1.33E-20 NA	2.61E-14 1.23E-15	2.23E-15 2.23E-16 2.23E-15 NE 2.62E-16 NA NA NA NA NA NA	5.04E-15 NA NA
AJ	FISH INGESTION CARC. RISK	NA 5.13E-26 1.43E-21	4.89E-26 7.11E-23 NA	5.60E-24 NA	1.86E-23 7.40E-19 1.14E-19 6.61E-26 NA	1.32E-20 0.00E+00	1.73E-18 4.39E-18 9.83E-16 NE-20 NA NA 6.60E-26	9.20E-15 NA NA
AI	SOIL/DUST INGESTION CARC. RISK	2.87E-19 3.48E-18	1.05E-20 1.22E-19 NA	2.84E-19 NA NA	4.95E-19 1.31E-16 3.17E-13 1.87E-20 NA	3.67E-14 1.73E-15	3.12E-15 3.12E-15 NE-15 NA NA N	7.07E-15 NA NA
АН	BEEF INGESTION CARC. RISK	1.34E-19 1.08E-21	7.33E-20 3.85E-22 NA NA	1.55E-22 NA	3.52E-20 3.83E-18 2.10E-18 5.95E-23 NA	2.42E-19 1.16E-19	2.99E-16 1.33E-17 3.35E-16 NE NA NA NA 3.88E-23	5.71E-17 NA NA
AG	MILK INGESTION CARC. RISK	1.08E-18 3.35E-21	7.46E-19 1.21E-21 NA NA	4.80E-22 NA	1.54E-19 1.54E-17 6.49E-18 1.88E-22 NA	NE 7.50E-19 3.61E-19	1.69E-15 5.88E-17 1.95E-15 NE 1.06E-18 NA NA NA NA NA NA NA	5.29E-15 NA NA
AF C RISK	VEGETABLE INGESTION CARC. RISK	7.06E-17 4.32E-16	1.96E-18 2.40E-18 NA NA	5.30E-17 NA	8.19E-16 2.16E-15 1.07E-08 4.25E-19 NA	8.60E-10 2.39E-11	5.17E-15 2.43E-15 7.32E-15 NE 2.26E-14 NA NA NA 5.16E-18	6.66E-15 NA NA
AE E CARCINOGENIC	BREAST MILK INGESTION CARC. RISK	1.71E-16 2.12E-17 2.17E-16	1.80E-18 6.99E-18 8.89E-19 3.54E-19	1.87E-17 1.24E-18 5.20E-20	7.03E-17 1.69E-15 5.56E-10 1.07E-18 2.08E-20 7.25E-19	NE 4.48E-11 1.33E-12	1.77E-13 1.77E-14 1.78E-13 NE 2.18E-14 1.13E-20 2.59E-20 4.59E-18	AN A
AD TABLE 32 TOTAL LIFETIME	INHALATION CARC. RISK	6.23E-14 1.61E-17 1.96E-16	5.88E-19 6.86E-18 1.29E-16 6.85E-16	1.60E-17 3.61E-16 7.57E-18	2.78E-17 7.36E-15 1.02E-10 1.05E-18 1.47E-18	2.06E-12 9.72E-14	9.30e-14 9.30e-15 9.30e-14 NE 2.06e-14 1.06e-19 3.77e-18 4.33e-18 5.79e-17	3.40E-12 1.01E-14 9.70E-15
ပ	RES-A SENSITIVITY CASE	ORGANICS Acrylonitrile Aldrin Aniline Benzene	Bis(2-ethylhexyl)phthalate Carbazole Carbon Tetrachloride Chloroform	1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethene 1,2-Dichloropropane	Dieldrin Hexachlorobenzene Hydrazine Lindane Methyl chloride Methylene chloride	4-Methylphenol Monomethyl hydrazine n-Nitrosodimethylamine PAHS	Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Parathion Quinoline Tetrachloroethene Vapona Vinyl chloride	INDRGANICS Arsenic Cadmium Chromium (VI)

FINOGENIC	Dermal RfD	3.00e-02 NC 1.50e-05	2.50E-03 2.50E-03 2.50E-03 4.00E-04	1.00E-02 2.50E-03 2.00E-03 1.22E-02 1.16E-02	NC NC NC NC S. 45E - 03 NC
E F S FOR NONCARCINGENIC -day)	Oral RfD	1.00E-01 6.00E-02 2.70E-04 3.00E-05	5.00E-03 1.00E-03 5.00E-03 6.00E-03 1.00E-03	2.00E-03 5.00E-03 7.00E-03 7.00E-03 7.00E-03 2.00E-02 2.45E-02 2.33E-02	9.00E-02 1.00E-01 1.00E-01 1.00E-01 2.00E-02 2.00E-02 8.00E-03 8.00E-04 2.00E-02 1.80E-02 5.00E-02 5.00E-02 4.00E-03 2.80E-04
D TABLE 34 REFERENCE DOSES FOR EFFECTS (mg/kg-day)	Inhalation RfD	1.82E+00 1.00E-02 4.39E-03 2.55E-04 7.76E-03	5.10e-03 3.26e-02 5.00e-03 6.00e-03 1.00e-03	5.10E-03 5.10E-03 5.00E-03 6.00E-03 5.00E-03 5.33E-02 2.53E-02 5.65E-00	7.00E-02 4.00E-02 4.00E-01 4.00E-01 3.54E-01 3.54E-01 3.55E-04 1.33E-04 1.02E-02 1.02E-02 1.02E-02 1.02E-02 1.02E-02 1.02E-02 2.10E-02 2.50E-02 2.00E-02 2.00E-02
ပ		U		bippenyt BisC2-ethythexyl)phthalate Barbazole Carbon Tetrachloride 4-Chloroaniline Chlorobiphenyl 4,4-Chlorobiphenyl	tenes (total) cethane eethane eethane oethene pothene ilfide nzene loride ketone ol ydrazine carbonitrile ethylamine alene
	RES-A SENSITIVITY CASE	ORGANICS Acetone Acetonitrile Acrylonitrile Aldrin Aniline	Atrazine Benzaldehyde Benzene Benzofuran Benzoic Acid Benzonitrile Benzothiazole	BisCathylhexyl)pht BisCarbazole Carbazole Carbon Tetrachloride 4-Chloroaniline Chlorobenzene 4-Chlorobiphenyl Chloroethane Chlorocethane	

Œ	1.50E-02	2.00E-02	2.00E-02	1.50E-02	1.50E-02	3.00E-03	4.00E-04	3.00E-01	NC	1.00E-01	1.50E-04	S	N.	1.00E-02	N	6.10E-04	4.00E-04	S	ON.	Ş			5.00E-05	5.00F-05	NO.	S	2	2 2	1.50F-05	S CN	Š	Ş	!
ш	3.00E-02	4.00E-02	4.00E-02	3.00E-02	3.00E-02	6.00E-03	8.00E-04	6.00E-01	1.00E-03	2.00E-01	3.00E-04	1.00E-02	2.00E-01	2.00E-02	7.35E-03	1.22E-03	8.00E-04	1.00E+00	1.30E-03	2.00E+00			1.00E-03	1.00E-03	NC.	2	3.80F-02	NC	3.00E-04	N	2	2.00E-01	
D TABLE 34		4.00E-02	4.00E-02	3.00E-02	3.00E-02	5.10E-05	8.00E-04	1.94E-02	1.63E-02	2.00E-01	3.00E-04	3.46E-01	5.71E-01	3.00E-03	2.74E-01	1.22E-03	8.00E-04	2.00E-01	1.33E-02	8.57E-02			2.04E-04	5.10E-05	5.10E-04	5.10E-05	1.00E-02	1.02E-03	8.57E-05	2.04E-04	1.02E-05	8.19E-03	
o	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Parathion	Pentachlorobenzene	Phenol	Pyridine	Quinoline	Tetrachlorobenzene	Tetrachloroethene	Toluene	Trichlorobenzene	Trichloroethene	Unsym. dimethyl hydrazine	Vapona	Vinyl acetate	Vinyl chloride	Xyienus (total)		INORGANICS	Arsenic	Cadmium	Chromium (III)	Chromium (VI)	Copper	Iron	Mercury	Selenium	Silver	Zinc	
8																						2											
155	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	254	235	236	237	238	239	240	241	242	243	544	242	246	

D	TOTAL ADULT HAZARD INDEX	6.94E-15 1.35E-09 1.11E-09 2.77E-13	3.01E-10 3.01E-12 3.01E-10 3.01E-10 4.21E-10	5.75E-13 1.34E-12 5.90E-13 9.76E-14 3.83E-14	2.75E-14 3.77E-14 7.20E-14 7.05E-13 6.02E-15 7.89E-15	1.11E-12 6.59E-06 5.59E-10 6.59E-14 4.47E-15 4.16E-14 5.02E-13 5.21E-06 1.93E-14 1.02E-10	2.50E-12 2.47E-12 9.89E-12
z	DERMAL EXPOSURE HAZARD QUOT IENT	NA .66E-1 NA .69E-1	1.29E-15 1.38E-15 1.29E-13 1.63E-17 1.78E-13	1.796-17 5.846-16 NA 4.186-17 1.696-17	3.066-16 NA NA N	4.884 8.43E-14 8.43E-17 2.29E-17 1.02E-18 NA NA 5.02E-17 7.25E-17 6.72E-17 5.75E-17	1.08E-15 1.08E-15 4.33E-15
Σ	FISH INGESTION HAZARD QUOTIENT	NA 1.29E-19 NA 9.36E-23	1.11E-16 5.49E-21 2.51E-19 1.11E-16 3.73E-17	8.13E-22 6.61E-19 NA 2.36E-19 NA 1.39E-20	AN A	5.38E-16 5.87E-17 1.58E-22 0.00E+00 NA NA 0.00E+00 5.43E-22 5.07E-17 3.77E-17 8.55E-16	1.75E-18 6.78E-19 4.67E-18
٠	SOIL/DUST INGESTION HAZARD QUOTIENT	1.18E-13 NA 3.66E-16	1.81E-15 1.81E-15 1.76E-13 2.21E-17 2.42E-13	1.22E-16 7.94E-16 NA 5.68E-17 NA NA NA	4.16E-16 NA NA 1.16E-16 NA NA NA NA NA NA NA	0.65E-14 1.15E-10 3.12E-17 1.38E-18 NA NA 6.20E-17 9.86E-11 9.14E-17 4.83E-13 7.88E-14	1.47E-15 1.47E-15 5.89E-15
×	BEEF INGESTION HAZARD QUOTIENT	NA 1.57E-17 NA 5.48E-15 0.12E-15	-W4 800-	3.84E-14 4.46E-18 NA 6.41E-20 NA 1.55E-18		1,40e-14 1,08e-15 1,77e-19 4,82e-21 NA NA 1,64e-21 7,82e-20 9,30e-16 9,30e-16 5,53e-19 2,92e-15 7,58e-18	2.40E-17 1.92E-17 9.63E-15
7	MILK INGESTION HAZARD QUOTIENT	NA 04E-1 NA 83E-1	7.25E-16 7.25E-18 7.25E-20 5.63E-16	3.42E-13 1.72E-17 NA 1.78E-19 NA 1.07E-17	2.34E-19 NA NA NA 8.88E-19 NA NA NA NA NA NA NA NA NA	1.09e-13 2.76e-15 6.85e-19 1.63e-20 NA NA 4.22e-21 2.20e-19 2.37e-15 2.37e-15 1.15e-14	1.26E-16 9.46E-17 8.25E-14
NDEX	VEGETABLE INGESTION HAZARD QUOTIENT	NA 2.05E-10 NA 1.53E-13	4.38E-14 2.39E-14 1.58E-11 2.22E-15 2.99E-11	3.98E-14 5.68E-14 NA 5.54E-15 1.26E-15	1.036-12 NA NA NA 1.346-13 NA NA NA NA NA	7.46E-12 5.76E-06 2.38E-15 8.49E-17 NA NA 5.85E-15 1.03E-14 7.54E-15 3.99E-11	1.25E-13 9.17E-14
TABLE 35 ADULT HAZARD INDEX	INHALATION HAZARD QUOTIENT	6.94E-15 1.14E-09 1.11E-09 6.96E-14 8.28E-11	2.85E-10 3.59E-14 1.13E-13 3.59E-14 1.33E-12	1.54e-13 1.29e-12 5.90e-13 9.20e-14 1.77e-13 3.70e-14	3.178-14 3.178-14 3.178-14 1.058-13 8.068-14 6.028-13	1.11E-12 1.08E-10 8.37E-07 2.97E-14 4.39E-15 3.08E-14 6.14E-14 1.31E-06 1.16E-14 6.14E-11	2.37E-12 2.37E-12 9.53E-12
٠	TY CASE	NICS Acetone Acetonitrile Acrylonitrile Aldrin Anline	Atrazine Atrazine Benzaldehyde Benzofuran Benzoic Acid Benzonitrile Benzothiazole	Bis(2-ethylhexyl)phthalate Carbazole Carbon Tetrachloride 4-Chloroaniline Chlorobenzene 4-Chlorobiphenyl	Chloroethane Chloroform Dibenzofuran Dichlorobenzenes (total) 1,1-Dichloroethane 1,2-Dichloroethane	Mydrazine Hydrazine Lindane Malathion Methyl chloride Methyl chloride Methyl ethyl ketone 4-Methylphenol Monomethyl hydrazine Naphthalene Naphthalene carbonitrile Nitrosodimethylamine PAHS	Acenaphthalene Acenaphthene Benzo(a)byrene
a	RES-A SENSITIVITY CASE	ORGANICS Acetone Acetoni Acetoni Actoni	Attrazine Benzaldehy Benzene Benzofuran Benzoic Ac Benzonitri Benzonitri	Bis(2-eth Carbazole Carbon Ter 4-Chloroan Chloroben 4-Chloroben	chloroform Chloroform Dibenzofur Dibenzofur 1,1-Dichlo 1,2-Dichlo 1,2-Dichlo 1,2-Dichlo 1,2-Dichlo	Hexachlorob Hydrazine Lindane Malathion Methylchlo Methylchel Gethylchel Monomethyl Naphthalene Naphthalene Naphthalene Naphthalene Naphthalene Naphthalene	Ace

0	9.92E-12	71-44E-1	7.45E-13	3.86E-15	1.98E-11	1.39E-12	4.64F-11	2.91F-14	1.92E-10	1.75E-13	6.29E-11	1.74E-15	1.68E-14	2.93E-12	2.35E-14	1.69E-06	3.81E-13	1.99E-14	2.77E-13	8.00E-15		2.10E-08	6.11E-10	2.47E-10	8.69E-11	3.18E-11	9.52E-06	2.39E-09	2.56E-09	3.19F-10	1.75E-10
2	4.33E-15	3.22-15	3.25E-16	1.69E-18	8.66E-15	5.36E-18	1.99E-14	4.25E-19	AN	7.32E-17	2.61E-14	NA	¥.	1.98E-16	AN	5.16E-11	1.59E-16	N.	AN	~~ ~~ ~~ ~~ ~~ ~~ ~~ ~~ ~~ ~~ ~~ ~~ ~~		1.93E-12	1.41E-14	NA	AN	X	AN	3.07E-13	AN	AN	AN
Σ	2.65E-15	AN I	7.30E-19	3.35E-18	5.35E-17	5.29E-23	AN	Y.	NA	3.17E-20	NA	A	A	4.80E-19	NA	3.60E-17	2.64E-22	NA	A.	NA		4.89E-12	NA	AN	NA	3.08E-14	NA	NA	AN	AN	1.29E-14
-1	5.89E-15	4.415-15	4.41E-16	2.29E-18	1.18E-14	7.29E-18	2.71E-14	5.78E-19	NA	9.94E-17	3.55E-14	NA	NA	2.70E-16	AN	7.01E-11	2.16E-16	NA	X.	NA		2.63E-12	1.92E-14	NA	AN	NA.	NA	4.17E-13	NA	AN	AN
¥	1.15E-14	2.305-10	1.19E-17	8.53E-20	1.37E-15	8.15E-20	2.60E-15	4.50E-22	AN	1.38E-19	9.40E-16	AN	AN	3.86E-18	AN	1.25E-15	1.58E-19	NA	AN	N		1.50E-13	5.03E-16	NA	NA	NA	NA	6.23E-12	NA	W	AN
7	9.90E-14	4. 105-13	6.99E-17	5.36E-19	1.02E-14	3.84E-19	1.88E-14	1.21E-21	AN	3.91E-19	5.51E-15	NA.	N	1.95E-17	NA	3.19E-15	4.24E-19	NA	NA	NA		1.22E-11	1.80E-14	NA	NA	AN	NA	1,69E-13	NA	AN	AN
-	2.67E-13	Z.00E-13	3.01E-14	1.41E-16	7.31E-13	4.64E-16	2.41E-12	1.87E-16	NA.	1.34E-14	5.34E-12	NA	NA	1.48E-14	NA	1.58E-06	3.04E-14	NA	NA	NA		1.14E-10	8.90E-13	NA	AN	NA	NA	1.99E-11	NA	AN	AN
H TABLE 35	9.53E-12	7.125.12	7.15E-13	3.716-15	1.91E-11	1.39E-12	4.39E-11	2.89E-14	1.92E-10	1.61E-13	5.75E-11	1.74E-15	1.68E-14	2.91E-12	2.35E-14	1.13E-07	3.50E-13		2.77E-13			2.08E-08									1.75E-10
U	Dibenzo(a,h)anthracene	בן ייים מורוופופ	Fluorene	Phenanthrene	Pyrene	Parathion	Pentachlorobenzene	Phenol	Pyridine	Quinoline	Tetrachlorobenzene	Tetrachloroethene	Toluene	Trichlorobenzene	Trichloroethene	Unsym. dimethyl hydrazine	Vapona	Vinyl acetate	Vinyl chloride	Xylenes (total)	INCREANICS	Arsenic	Cadmium		Chromium (VI)	Copper	Iron	Mercury	Selenium	Silver	Zinc
155 B	215	1 0		2	19	220	121	222	:23	24	22	56	27	28	53	30	31	32	33	234		37	38	39	240	241	242	243	544	245	246

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U	RES-A SENSITIVITY CASE	ORGANICS	Acetonitrile	Acrylonitrile	Aldrin	Aniline	Atrazine	Benzaldenyde Benzane	Renzofilian	Benzoic Acid	Benzonitrile	Benzothiazole	Biphenyl	Bis(2-ethylhexyl)phthalate	Carbon Tetrachlonido	4-Chloroaniline	Chlorobenzene	4-Chlorobiphenyl	4,4-Chlorobiphenyl	Chloroethane	Dibenzofuran	Dichlorobenzenes (total)	1,1-Dichloroethane	1,2-Dichloroethane	7 Dichloroethene	rz-bichloropropage	ieldrin	Dimethyldisulfide	Hexachlorobenzene	Hydrazine	Lindane	Mathyl chloride	Methylene chloride	Methyl ethyl ketone	4-Methylphenol	Monomethyl hydrazine		Naphthalene carbonitrile	n-Nitrosodimetnylamine PAHs	Acenaphthalene	Acenaphthene	Benzo(a)pyrene
Q TABLE 36 CHILD HAZARD INDEX	INHALATION HAZARD QUOTIENT	14.77.4	2 58F-00	2.50E-09	1.57E-13	1.87E-10	1.76E-12	6.61E-12	6 43E-10	8, 10E-14	8.83E-10	3.01E-12			2.90E-12	2.08F-13	3.99E-13	8.36E-14	4.42E-15	2.77E-14	71, 30F, 17		2.38E-	1.82E-13	6.24E-13	1.305-14	2 89F-13	2,50F-12	2,43E-10	1.89E-06	6.70E-14	9.90E-15	6 05F-13	1.39E-13	1.11E-12	4.09E-06	2.62E-1		_	.36E-1	.36E-1	2.15E-11
R INDEX	VEGETABLE INGESTION HAZARD QUOTIENT	3	3 46F-10	N A	m	9.07E-11	74E	4.63E-13	2 70E-11		5.78E-11		NA	6.15E-14	1.00E-15	1-07F-14	NA	2.24E-15	1.13E-16	발 :	¥ H	A N	A.	2.25E-13	Y.	Z Z	1.55F-12	NA I	7.71E-12	1,08E-05	4.16E-15	1.5/E-16	AN AN	1.04E-14	1.78E-14	6.96E-06	1.30E-14	6.88E-11	2.55E-09	2.12E-13	1.62E-13	4.81E-13
S	MILK INGESTION HAZARD QUOTIENT	1	2 33F-16	NA.	.79E-1	1,38E-15	.50E-1	.23E-1	8 85E-15	4 10F-19	3.25E-15	1.83E-17	NA	1.98E-12	9.91E-17	1.03F-18	NA C	6.21E-17	1.46E-17	뿔	A I	Z X	AN	5.13E-18	AN:	Y Y	1 98F-14	N N	6.30E-13	396	3.95E-18	# 5	X X	2.44E-20	1.27E-18	1.37E-14	1.26E-17	6.64E-14	1.12E-16	7.26E-16	5.46E-16	4.76E-13
F	BEEF INGESTION HAZARD QUOTIENT		7 03E-17	NA.	1.37E-14	2.27E-16	3.38E-18	3.58E-18	1 20E-15	6 40F-20	5.18E-16	2.79E-18	NA	9.59E-14	1.17E-1/	1.60F-19	NA	3.87E-18	7.97E-19	¥:	Z Z	A A	N.	8,23E-19	NA:	Z Z	1.01F-15	NA	3.48E-14	2.70E-15	4.42E-19	1.20E-20	V V	4.08E-21	1.95E-19	2.32E-15	1.38E-18	7.29E-15	1.89E-17	6.00E-17	4.79E-17	2.40E-14
5	SOIL/DUST INGESTION HAZARD QUOTIENT	:	1 0KE-12	NA IS	3.30E-15	1.84E-12	4.43E-15	1.63E-14	1 FOE-12		2.18E-12	7.44E-1	NA	1.10E	7.1/E-1	5 13F-16	_	2.06E-16	1.09E-17	¥:	A S	1 Z	N.	3.75E-15	AN:	A .	3 KAE-15	NA	6.01E-13	1.04E-09	2.82E-16	1.25E-1/	X 2	17E-	5.60E-16	-30E-	.25E-	.36E-	-17E-	32E-1	32E-1	5.32E-14
>	FISH INGESTION HAZARD QUOTIENT		2 02E-10	NA NA	-	2.70E-16	0.00E+00	5.67E-19	2 50E-14	1 2/5-10	8.43F-17	5.67E-21	NA	1.83E-21	1.49E-18	5 34E-10	NA NA	3.13E-20		¥:	Z Z	ZZ	NA	2.64E-20	NA:	A S	NA A7E-20	NA NA	1.21E-15	1.33E-16	3.56E-22	0.005+00	AN AN	0.00E+00	1.23E-21	1.14E-16	8.38E-17	1.93E-15	0.00E+00	_	-	1.06E-17
3	DERMAL EXPOSURE HAZARD QUOTIENT	:	7 2/E-12	NA NA	25E-1	1.25E-12	02E-1	1.116-14	1 00E-12		1 495-12	5.07E-15	NA	.50E-1	4.89E-15	2 50E-16	AN A	1.41E-16	.48E-	밀	Z Z	U 4	ĄX	2.56E-15	NA	AN :	7 7.8E-15	NA NA	.09E-1	.05E-1	1.92E-16	.50E-1	Z =	4.20F-17		6.06E-10	-	-	_	9.02E-15	9.02E-15	3.62E-14
×	TOTAL CHILD HAZARD INDEX		1.5/E-1	2 50E-0	6.90F-1	2.81E-1	1.84E-1	7.10E-1	2.33E-1	0./4E-	0.45E-1	3.17E-1	2.43E-0	2.48E-1	3.02E-1	2 10E-1	7 00F-1	8.62E-1	4.57E-15	2.77E-14	7.16E-12	2 08E-13	2.38F-13	4.14E-13	6.24E-13	1.36E-14	1.335-14	2 50E-12	2.53E-10	1.27E-05	7.17E-14	1.01E-14	7.40E-16	1 495-12	1.13E-12	1.11E-05	4.07E-14	2.15E-10	2.84E-09	_	5.54E-12	2.26E-1

×	2.27E-11	1.67E-11	1-67E-12	8.67E-15	4-45E-11	3.14E-12	1.04E-10	6.57E-14	4.33E-10	3.89E-13	1.39E-10	3.93E-15	3.80E-14	6.61E-12	5.30E-14	3-17F-06	8.52F-13	4.48E-14	6.25F-13	1.81E-14			4.74E-08	1.38E-09	5.58E-10	1.96E-10	7.19E-11	2.15E-05	5.40E-09	5.78E-09	7.19E-10	3.95E-10	4.85E-05
3	3.62E-14	2.72E-14	2.72E-15	1.41E-17	7.24E-14	4.49E-17	1.67E-13	3.56E-18	AN	6.12E-16	2.19E-13	AN	AN	1.66E-15	AN	4.31E-10	1.33E-15	AN	A	NA			1.62E-11	1.18E-13	AN	AN	AN	NA	2.57E-12	NA	AN	N	1.77E-09
>	5.98E-15	AN	1.65E-18	7.57E-18	1.21E-16	1.19E-22	NA	A.	AN	7,16E-20	AN	A.	AN	1.08E-18	Ä	8.13E-17	5.97F-22	NA	AN	N.			1.10E-11	AN	A Y	AN	6.95E-14	NA	NA.	AN	AN	2.92E-14	1.11E-11
n	5.32E-14	3.99E-14	3.99E-15	2.07E-17	1.06E-13	6.58E-17	2.45E-13	5.22E-18	AN	8.98E-16	3.21E-13	NA	AN	2.44E-15	AN	6.33E-10	1.95E-15	N	AN	NA			2.37E-11	1.73E-13	NA	NA	NA	N	3.77E-12	NA	NA	NA	2.60E-09
-	2.87E-14	1.39E-15	2.96E-17	2.13E-19	3.42E-15	2.03E-19	6.48E-15	1.12E-21	NA	3.43E-19	2.34E-15	NA	AN	9.63E-18	AN	3,12E-15	3.95E-19	NA	AN	A			3.73E-13	1.25E-15	AN	AN	AN	NA	1.55E-11	NA	N	NA	1.62E-11
w	5.72E-13	2.40E-14	4.04E-16	3.10E-18	5.87E-14	2.22E-18	1.09E-13	6.99E-21	NA	2.26E-18	3.18E-14	NA	NA	1.13E-16	NA	1.84E-14	2,45E-18	AN	AN	NA			7.03E-11	1.04E-13	AN	NA	NA	Ą	9.76E-13	٨	Ā	NA	7.57E-11
~	4.91E-13	4.89E-13	5.22E-14	2.47E-16	1.28E-12	8.20E-16	4.04E-12	3.14E-16	NA	2.36E-14	8.57E-12	NA	N	2.67E-14	N	2.91E-06	5.91E-14	NA	AN	NA			2.10E-10	1.64E-12	N	NA	NA	NA	3.63E-11	AN	ĀN	NA	2.07E-05
a TABLE 36	2.15E-11	1.61E-11	1.61E-12	8.38E-15	4.30E-11	3.13E-12	9.91E-11	6.54E-14	4.33E-10	3.63E-13	1.30E-10	3.93E-15	3.80E-14	6.57E-12	5.30E-14	2.56E-07	7.90E-13	4.48E-14	6.25E-13				4.71E-08			1.96E-10							2.78E-05
ပ	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Parathion	Pentachlorobenzene	Phenol	Pyridine	Quinoline	Tetrachlorobenzene	Tetrachloroethene	Toluene	Trichlorobenzene	Trichloroethene	Unsym. dimethyl hydrazine	Vapona	Vinyl acetate	Vinyl chloride	Xylenes (total)		INORGANICS	Arsenic	Cadmium		Chromium (VI)	Copper	Iron	Mercury	Selenium	Silver	Zinc	Total (Hazard Index)
155 B	215	216	217	218	219	50	21	25	23	54	25	56	.57	28	53	30	31	32	33	34	35		37	38	39	40	41	45	43	77	. 5	246 247	248
~ ~	~	N	N	N	N	N	N	N	2	2	N	2	2	2	N	N	N	N	N	N.	N	N	N	αi	N	Ň	Ň	N	N	N	Ň	กัก	Ñ

AB	LK TOTAL N INFANT HAZARD INDEX	1.35E - 14 1.35E - 14 1.75E - 19 1.75E - 13 1.75E - 13
AA	BREAST MILK INGESTION HAZARD QUOTIENT	3.24e-15 8.22fe-16 1.37e-19 1.37e-19 1.37e-19 1.39e-13 1.
Z TABLE 37 INFANT HAZARD	INHALATION HAZARD QUOTIENT	1.03E-14 1.03E-14 1.03E-16 1.03E-17 1.03E-10 1.03E-10 1.03E-10 1.03E-10 1.03E-11 1.03E-12 1.03E-12 1.03E-12 1.03E-13 1.0
a	RES-A SENSITIVITY CASE	Acetonitrile Acetonitrile Acetonitrile Aldrin Aniline Arrazine Benzaldehyde Benzaldehyde Benzofuran Benzofuran Benzofuran Benzofhiazole Biphenyl Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbon Tetrachloride 4-Chlorobiphenyl Ghloroethane Chlorobenzene 4-Chlorobiphenyl Ghloroethane Chlorobenzene 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroetha
158	162 162 163 164 165 165 165 165 165 165 165 165 165 165	22.22.22.22.22.22.22.22.22.22.22.22.22.

AB	5.02E-11	3.76E-11	3.77E-12	1.95E-14	1.00E-10	2.10E-12	1.03E-10		3.64E-10				1E-1	`.			1.90E-12		4.82E-13	1.18E-14		3.08E-08	9.01E-10	3.65E-10	1.28E-10		1.41E-05	3.49E-09	3.78E-09	4.71E-10	2.59E-10		5.90E-05
AA	3.61E-11	2.71E-11	2.71E-12	1.40E-14	7.21E-11	4.47E-14	3.80E-11	4.09E-15	8.03E-11	6.35E-13	5.16E-11	1.55E-15	-	3.71E-13	$\overline{}$		1.38E-12	1.02E-16	7.26E-14	2.93E-19		¥	¥	및	琞	¥	및	¥	¥	밀	및	!	4.08E-05
TABLE 37	1.41E-11	1.06E-11	1.06E-12	5.48E-15	2.82E-11	2.05E-12	6.48E-11	4.28E-14	2.84E-10	2.38E-13	8.50E-11	2.57E-15	2.49E-14	4.30E-12	3.47E-14	1.68E-07	5.17E-13	2.93E-14	4.09E-13	1.18E-14		3.08E-08	9.01E-10	3.65E-10	1.28E-10	4.70E-11	1.41E-05	3.49E-09	3.78E-09	4.71E-10	2.59E-10		1.82E-05
2	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Parathion	Pentachlorobenzene	Phenol	Pyridine	Quinoline	Tetrachlorobenzene	Tetrachloroethene	Toluene	Trichlorobenzene	Trichloroethene	Unsym. dimethyl hydrazine	Vapona	Vinyl acetate	Vinyl chloride	Xylenes (total)	INORGANICS	Arsenic		Chromium (III)	Chromium (VI)	Copper	Iron	Mercury	Selenium	Silver	Zinc		Total (Hazard Index)
	215	216	217	218	219	220	221	222	223	554	225	526	227	228	559	230	231	232	233	234		237	238	239	240	241	242	243	544	245	546	247	848

C	1							NA		82.1174	82,1155	0.0001	0.000	0,0018	0.0001		0.0013			C.5283		12,1035	12,1022	0000	0000	0.000	2100.0	0.000	מטטט ט			0.3458		4.9029	0000	0000 001
U	TABLE 38	CARCINGGENIC RISK	CONTRIBUTION BY PATHWAY			SENSITIVITY CASE	Actual +	Inhalation		Ingestion	Vegetables	Milk	Beef	Soil\Dust	Fish		Dermal		child	Inhaiation		Ingestion	Vegetables	Z.	Roof	Soil Must	List Cast		Dermal		Infant	Inhalation		Breast Milk Ingestion	Totol	וחומו
8																																				
«	253	254	255	200	0 2	250	260	261	262	263	564	265	266	267	268	569	270	177	272	273	274	275	276	277	278	270	200	287	282	283	284	285	586	287	000	2

RES-A RACTORDIT TO CARE And fin Benzene Carbon Tetrachloride 1, 2-Dichlorobenzene 1, 2-Dichlorocethene 2, 25E-19 Methyl chloride And fin And			***	
RES-A SENSITIVITY CASE ORGANICS Ariline Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)Bis(2-et	. 0	د	A 70	
RES-A SENSITIVITY CASE ORGANICS Acrylonitrile Aidrin Aniline Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)Bis(2-file) Bis(2-ethylhexyl)B	00		INHA! ATION	NTC DIG
RES-A SENSITIVITY CASE ORGANICS Acrylonitrile Aniline Brizere Bis(2-cthylhexyl)phthalate Bis(2-cthylhexyl)phthalate Bis(2-cthylhexyl)phthalate Carbon Tetrachloride Carbon Tetrachloride 1, 2-Dichlorocthane 1, 3-10E-17 10Be-14 1	\ <u>C</u>		e numbers are for	Sitivi
RES-A SENSITIVITY CASE ORGANICS Acrylonitrile Acrylonitrile Acrylonitrile Acrylonitrile Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Carbon Tetrachloride 1,4-Dichlorocthane 1,2-Dichlorocthane 2,2-Bishlorocthane 1,10E-12 Chromium Namenic 2,2-Bishlorocthane 2,2-Bish	-			,
SENSITIVITY CASE	0		10.06	
Abult Abult	M	RES-A	INHALATION	
Acrylonitrile Acrylonitrile Acrylonitrile Acrylonitrile Aldrin Anline Benzene Bis(2-ethylhexyl)phthalate Signer 18 Carbon Tetrachloride Carbon Tetrachloride 1,2-Dichlorochane 1,3-E-19 Methylchorol Methylchorol Methylchorochane 1,06-16 Methylchorochane 1,06-16 Methylchorochane 2,02-14 Parachion Chrysene Chrysene 1,06-16 4,98-14 4,98-14 4,98-14 4,98-14 100-14 Tetrachlorocthene 2,02-18 Vinyl chloride 2,02-18 Vinyl chloride 2,02-18 Vinyl chloride 2,02-18 Vinyl chloride 5,19-18 Carbaium Cadmium Cadmium 5,19-18 INHALATION EXPENSINE DIRATION	4	TIVITY	ADULT	
RISK Acrylonitrile Aldrin Aniline Aldrin Aniline Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbazole Carbazole Carbon Tetrachloride 1,4-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,49E-17 Hydrazine 1,06E-18 Hydrazine 1,06E-19 Hexachloroethane 1,06E-16 Hohylene chloride 1,06E	7		CARC	
Acrylonitrile Aldrin Aniline Benzene Bis/2-ethylhexyl)phthalate Bis/2-ethylhexyl)phthalate Carbazole Carba	90		RISK	
Acrylonitrile Acrylonitrile Acrylonitrile Aniline Benzene Bis(2-ethylhexyl)phthalate S.67E-18 Benzene Bis(2-ethylhexyl)phthalate Carbon Tetrachloride 1,4-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorocethane 1,3-Dichlorocethane 1,4-Dichlorocethane 1,6-Dichlorocethane 1,6-Dichlorocethane 1,0-Dichlorocethane 1,0-Dichlorocethane 1,0-Dichlorocethane 1,0-Dichlorocethane 1,0-Dichlorocethane 1,0-Dichlorocethane 1,0-Dichlorocethane 1,0-Dichlorocethane 2,0-Dichlorocethane 2,0-Dichlorocetha	2			
Acrylonitrile Aldrin Aldrin Aniine Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Carbarole Carbarole Carbarole Aldrin A. Dichlorochane A. Methylchenol	8	ORGANICS		
Aldrin Aldrin Aniline Bis(2e-thylhexyl)phthalate Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbon Tetrachloride 1,4-Dichlorobenzene 1,2-Dichlorocethane 1,3-ME-15 1,2-Dichlorocethane 1,0-E-19 1,0-E-19 1,2-Dichlorocethane 1,0-E-19 1,0-E-19 1,2-Dichlorocethane 1,0-E-19 1,0-	0	Acrylonitrile	3.34E-14	
Aniline Benzene Benzene Bis (2-ethylhexyl)phthalate Sis (3-ethylhexyl)phthalate Carbon Tetrachloride 1,4-Dichlorochane 1,1-Dichlorochane 1,2-Dichlorochane 1,3-Dichlorochane 1,3-Dichlorochane 1,3-Dichlorochane 1,4-Methylchanine 1,06E-18 Methylchanine 1,06E-19 Methylchanine 1,09E-19 Meth	0	Aldrin	8.62E-18	
Benzene Bis(2-ethylhexyl)phthalate Carboarole Carboarole Carboarole Carboarole Chloroform 1,4-Dichlorobenzene 1,2-Dichlorocethane 1,0-E-19 1,0-E-19 1,2-Dichlorocethane 1,0-E-19 1,2-Dichlorocethane 1,0-E-19 1,0-E-19 1,2-Dichlorocethane 1,0-E-19 1,2-Dichlorocethane 1,0-E-19 1,	-	Aniline	1.05E-16	
Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbon Tetrachloride 1,4-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,49E-17 Methyl chloride Methyl chloride Methyl chloride Methyl chloride Nonomethyl hydrazine 1,0E-19 Methyl chloride 1,0E-16 Methyl chloride 1,0E-17 Methyl chloride 1,0E-18 Me	2	Renzene	3 05E-18	
Carbon Tetrachloride Carbon Tetrachloride Carbon Tetrachloride 1,4-bichloroethane 1,1-bichloroethane 1,2-bichloroethane 1,1-bichloroethane 1,2-bichloroethane 1,3-bichloroethane 1,3-bichloroethane 1,3-bichloroethane 1,3-bichloroethane 1,3-bichloroethane 1,3-bichloroethane 1,06-18 Methyl hydrazine 1,06-19 Methyl hydrazine 1,06-16 Methyl	1 1	Dio/2-othylhovy/ Jahthal oto	Z 15E-10	
Carbotote Carbotote Carbotote 1,4-Dichlorobenzene 1,2-Dichloroethane 1,4-BE-17 Nondane Nathylohenol Nethylohenol Nomethylohenol Nomethyloheno	2 \	Carbarolo	2 47c-18	
Carpon letrachloride Chloroform Chloroform 1,4-Dichloroethane 1,2-Dichloroethane 1,49E-17 Nonomethyl hydrazine 1,10E-19 Nethylchenol N	t	Cal Dazote	2.02.7	
1,4-Dichlorobenzene 1,60E-19 1,60E-19 1,60E-19 1,60E-19 1,1-Dichloroethane 1,93E-18 1,1-Dichloroethane 1,93E-18 1,1-Dichloroethane 1,93E-18 1,1-Dichloroethane 1,93E-18 1,2-Dichloroethane 1,93E-17 1,1-Dichloroethane 1,00E-19 1,00	0	Carbon letrachloride	0.73E-1/	
1,4-Dichlorobenzene 1,2-Dichloroethane 1,49E-15 10E-16 1,10E-17 10E-16 1,10E-16	0	Chlorotorm	5.0/E-10	
1,1-Dichloroethane 8.55E-18 1,2-Dichloroethane 1.93E-16 1,2-Dichloroethane 1.99E-16 1,2-Dichloropane 4.05E-18 1,2-Dichloropane 1.49E-17 Hexachlorobenzene 2.94E-15 Hydrazine 1.10de-17 Methylchen chloride 7.87E-19 Methylchen chloride 1.06E-16 4-Methylchen ol 1.06E-16 4-Methylchen ol 1.06E-16 Methylchen ol 1.06E-16 Methylc	1	1,4-Dichlorobenzene	1.60E-19	
1,2-Dichloroethane 8.55E-18 1,1-Dichloroethane 1,93E-16 1,2-Dichloroethane 4.05E-18 Dieldrin Hexachlorobenzene 4.05E-18 Hydrazine 1,06E-16 Hydrazine 1,06E-16 Hwethylchloroethane 1,06E-16 Hwethylchloroethane 1,06E-16 Homomethyl hydrazine 1,06E-12 Homomethyl hydrazine 2,02E-18 Homomethyl hydrazine 2,02E-12 Homomethyl hydrazine 1,82E-12 Hydrazine 1,75E-11 Hydrazin	ŝ	1,1-Dichloroethane	2	
1,7-Dichloroethene 1,93E-16 1,2-Dichloropeane 4,05E-18 Dieldrin Hexachlorobenzene 3,94E-15 Hydrazine 1,04E-15 Methyl chloride 7,87E-19 Methyl chloride 1,06E-16 Wornomethyl hydrazine 1,06E-16 Mornomethyl hydrazine 1,10E-16 Dibenzo(a,h)anthracene 4,98E-14 Parathion 2,00E-14 Parathion 1,10E-14 Parathion 2,10E-17 INORGANICS 1,82E-12 Cadmium (VI) 5,19E-15 Total 1,10HALATION 2 Exposure DURATION	0	1.2-Dichloroethane	-	
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9.2 RESIDENT B SCENARIO

9.2.1 Base Case Emissions — Resident B

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L	4 125-13	21 37 7	1.45E-11	1.43E-11	1 43F-12	5 575.15	7 1 1 1 1	7.80E-11	3.54E-15	1.76E-12	2 R1F-14		2 4	1.01E-12	.65E	Z.	Z Z	4.37E-13	NA	6.93E-09	1.40E-14	NA	AN	AN AN		1.89E-10	1.09E-12	Z.	¥:	¥ 2	NA P	7 005-12		2 2	NA						٥		ă		
u	1 085-11	1000	1-98E-10	1.98E-10	1.98F-11	7 735.1/	7 071	3.9/E-10	4.91E-14	2.44E-11	3.90F-13	2 17E-00	2 277 64	C-202-11	1.20E-11	4.181-15	6.67E-12	6.06E-12	4.46E-12	9.60E-08	1.94E-13	2.76E-12	2,55F-12	4.76E-13	-0,	2.02E-U9	1.52E-11	0. (ZE-11	2.3/E-12	2 /25-11	0 015 11	0 815-11	2 075-10	1.36F-12	7.80E-10										
TABLE 1-A	0	2000	2.85E-UY	2.85E-09	2.85E-10	1 11E-12	201 00	3. / UE - UY	7.06E-13	3.50E-10	5.60E-12	3 12E-08	7 27 40	3.2.1E-10	1.72E-10	0.01E-12	9.58E-11	8.71E-11	6.41E-11	1.38E-06	2.79E-12	3.96E-11	3.67E-11	6.84E-12	17.1	2.705-08	2. ISE-10	7.00E-10	3.406-11	Z 775-05	1 715-00	1 415-00	7 275 00	1.95E-11	1.12E-08										
	Chrysene	Dibonzo/o hlomathanon	U Delizota, n Jantaracene	Fluoranthene	Fluorene	Phenanthrene	Dynama	יייייייייייייייייייייייייייייייייייייי	Parathion	Pentachlorobenzene	Phenol	Pvridine	Olipolipe	Totrooklondon	Tetrachloropenzene	Teliachtoroethene	lotuene	Trichlorobenzene	Trichloroethene	Unsym. dimethyl hydrazine	Vapona	Vinyl acetate	Vinyl chtoride	Xylenes (total)	INORGANICS	Codmit	Chromium (111)		Copper (AT)	Topp	1000	Z-122-2	Selenium	Silver	Zinc										

TOTAL DRY CALCULATOR TOTAL DRY CALCULATOR TOTAL	TOTAL DRY CALCULATED COLULATOR COL	20	C Base case	M TABLE 1-B CATTLE FEED D	z o	0 8	8	
one for it is a state of a state	onitrile 3,42E-10 5,76E-11 2,77E-09 2,40E-10 11/19E-13 2,42E-10 5,76E-12 1,73E-13 3,73E-15 1,73E-15 1,		20-Jun-91 13:34:53 RES-B	TOTAL DEPOSITION RATE 9/M2/yr	DRY DEPOSITION RATE 9/M2/yr	AVERAGE CALCULATED CONC IN SOIL .2M mg/Kg	MAXIMUM CALCULATED CONC IN SOIL .2M mg/Kg	AVERAGE CALCULATED CONC IN SOIL .1M
3.42E-10 5.76E-11 2.37E-09 NA 5.31E-16 8.94E-17 3.67E-15 1.92E-11 3.24E-12 1.33E-10 1.19E-13 2.00E-14 8.22E-13 8.76E-12 1.47E-12 8.02E-13 8.76E-12 1.47E-12 8.05E-11 8.76E-12 1.72E-13 2.95E-10 3.99E-14 7.72E-13 2.95E-10 3.99E-14 1.58E-15 2.95E-10 3.99E-14 1.58E-15 2.95E-10 3.99E-14 1.88E-15 2.95E-10 8.56E-14 3.96E-15 1.53E-12 NA	3.48-10 5.76-11 2.37e-09 NA NA NA NA NA NA NA S.46-12 3.24e-12 1.33e-10 1.95e-11 2.00e-14 8.22e-13 8.76e-12 1.47e-12 6.06e-11 NA 4.26e-11 7.22e-13 2.95e-10 3.99e-14 6.72e-15 2.95e-10 3.99e-14 6.72e-15 2.95e-10 3.99e-14 6.72e-15 2.95e-10 3.99e-14 6.72e-15 2.95e-10 NA 1.10e-14 1.85e-15 2.95e-14 NA NA NA NA NA NA NA NA NA N	GAN	105			:	, ;	
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te 2.56-11 7.176-12 2.956-10 4.296-12 7.226-13 2.976-13 2.996-14 5.726-13 2.976-13 2.996-14 5.726-13 2.996-14 5.726-13 2.996-14 7.176-12 2.996-10 2.366-14 7.176-12 2.996-13 2.976-13 7.626-14 7.836-13 7.626-14 7.836-15 7.626-14 7.836-15 7.626-14 7.836-15 7.26-12 7.836-15 7.626-14 7.836-15 7.626-14 7.836-15 7.866-14 7.886-13 7.866-14 7.886-13 7.866-14 7.886-13 7.896-15 7.866-14 7.886-14 7.896-14 7.	te 2.56-11 7.17e-12 2.95e-10 4.29e-12 7.22e-13 7.97e-11 5.86-11 6.47e-10 3.99e-14 6.72e-15 7.97e-11 5.86-14 6.72e-15 7.97e-11 5.86-14 6.72e-15 7.97e-11 7.92e-13 7.92e-13 7.92e-13 7.92e-13 7.92e-13 7.92e-14 1.83e-15 7.92e-14 1.83e-15 7.92e-14 1.83e-15 7.92e-14 1.83e-15 7.92e-14 1.83e-15 7.92e-15 1.83e-15 7.92e-15 1.83e-15 7.92e-15 1.83e-15 7.92e-15 1.83e-11 7.92e-15 1.83e-11 7.92e-15 1.83e-11 7.92e-15 1.83e-11 7.92e-15 1.93e-15 7.95e-11 1.93e-11 7.92e-13 7.93e-12 1.93e-11 7.93e-11 7.93	2 8	inazine enzaldehvde	8 76F-12	2.00E-1	8.22E-13	8.34E-13	
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te 2.56-12 7.22-13 2.972-11 3.992-14 6.472-15 3.992-14 6.722-15 2.762-13 3.992-14 6.722-15 2.762-13 1.922-13 3.242-14 1.332-12 1.922-13 3.242-14 1.332-12 1.922-13 3.242-14 1.332-12 1.922-13 3.242-14 1.332-12 1.922-14 1.332-12 1.922-14 1.332-12 1.922-14 1.	te 2.56-12 7.22-13 2.972-11 3.96-14 6.472-10 3.992-14 6.722-15 2.76-13 7.522-13 3.992-14 6.722-15 2.76-13 7.852-14 7.852-14 7.852-15 7.822-12 7.822-13 7.822-14 7.852-14 7.852-15 7.822-14 7.852-14 7.852-15 7.822-14 7.852-15 7.822-15 7.822-15 7.822-15 7.822-15 7.822-15 7.822-15 7.822-15 7.822-15 7.822-15 7.822-15 7.822-15 7.822-15 7.822-16 7.822-16 7.822-15 7.822-16 7.822-15 7.8222-15 7.82222-15 7.8222-15 7.8222-15 7.8222-15 7.822222-15 7.82222-15 7.82222-15 7.82222-15 7.82222-15 7.82222-15 7.82222-15 7.82222-15 7.82222-15 7.82222-15 7.82222-15 7.82222-15 7.82222-15 7.822222-15 7.822222-15 7.822222-15 7.822222-15 7.8222222-15 7.822222-15 7.822222-15 7.822222-15 7.822222-15 7.8222222-15 7.822222-15 7.822222-15 7.8222222-15 7.822222-15 7.822222-15 7.8222222-15 7.822222-15 7.8222222-15 7.8222222-15 7.82222222-15 7.8222222-15 7.82222222-15 7.8222222-15 7.82222222-15 7.822222222-15 7.82222222-15 7.822222222-15 7.82222222-15 7.8222222222222222222222222222222222222	ä	enzofuran	4.26E-11	7.17E-12	2.95E-10	2.99E-10	
1.58E-11 6.47E-10 3.99E-14 6.72E-15 2.76E-13 3.99E-14 6.72E-15 2.76E-13 1.92E-13 3.24E-14 1.33E-12 1.63E-14 1.05E-15 1.63E-15 1.63E-14 1.05E-15 1.64E-15 1.64E-15 1.64E-15 1.36E-15 1.64E-15 1.36E-15 1.3	1.58e-11 6.47e-10 3.99e-14 6.72e-15 2.76e-13 NA NA 1.10e-14 3.96e-15 1.63e-12 1.63e-14 NA NA 1.10e-14 1.85e-15 1.63e-15 1.63e-15 1.64e-15 1.33e-12 NA	Ď	enzoic Acid	4.29E-12	7.22E-13	2,975-11	3.01E-11	
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1.92E-13 3.24E-14 1.33E-12 NA 1.10E-14 1.85E-15 7.62E-14 NA 2.71E-14 4.57E-15 1.88E-13 1.36E-15 2.30E-16 9.44E-15 9.72E-13 1.64E-13 6.72E-15 NA	1.92E-13 3.24E-14 1.33E-12 NA 1.10E-14 1.85E-15 7.62E-14 NA 2.71E-14 4.57E-15 1.88E-13 1.36E-15 2.30E-16 9.44E-15 9.72E-13 1.64E-13 6.72E-12 NA	80	is(2-ethylhexyl)phthalate	2.36E-14	3.96E-15	1.63E-13	1.65F-13	•
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1.36E-15 9.72E-13 1.64E-15 9.72E-13 1.64E-13 8.55E-13 1.44E-13 8.55E-13 1.44E-13 8.51E-12 1.44E-13 8.51E-13 1.44E-13 8.51E-14 1.44E-15 1.44E-17 1.4	1.36E-15 9.72E-13 1.64E-13 9.72E-13 NA 8.55E-13 1.64E-13 0.72E-12 NA	2 4	Chlorobinhenvi	2 71E-12	NA CEZE 1E	NA POOF	AN POOL	AN Z
9.72E-13 1.64E-13 6.72E-12 NA NA NA NA NA NA NA NA NA N	9.72E-13 1.64E-13 6.72E-12 NA NA NA NA NA NA NA NA NA N	4	4-Chlorobinhenvi	1 36E-15	2 30E-16	1.00E-13	0 585-15	3.73E-13
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NA N	NA N	6	benzofuran	8.55E-13	.44E	5.91E-12	6.00E-12	_
NA N	NA N	5	chlorobenzenes (total)	AN	AN	NA	NA	
9.84E-14 1.66E-14 6.81E-13 NA NA NA NA NA NA 9.75E-16 1.64E-16 6.74E-15 NA NA 2.58E-12 4.34E-13 1.78E-11 3.33E-09 5.61E-10 2.30E-08 4.53E-16 7.63E-17 3.13E-15 1.34E-15 2.25E-16 9.26E-15 NA NA NA 1.65E-13 2.78E-14 1.04E-12 1.05E-09 1.77E-10 7.26E-09 1.77E-14 2.98E-11 6.47E-10 1.07E-12 7.17E-13 2.95E-11	9.84E-14 1.66E-14 6.81E-13 NA NA NA NA NA NA NA 2.58E-12 4.34E-15 6.74E-15 3.33E-09 5.61E-10 2.30E-08 4.53E-16 7.63E-17 3.13E-15 1.34E-15 2.25E-16 9.26E-15 NA NA NA NA NA NA 1.65E-13 2.78E-14 1.04E-12 1.05E-09 1.77E-10 7.26E-09 1.77E-14 2.98E-15 7.39E-17 4.26E-12 7.17E-13 2.95E-11 4.26E-12 7.17E-13 2.95E-11 8.55E-12 1.44E-12 5.91E-11	•	1,4-Dichlorobenzene	A	NA	NA	NA	
9.84E-14 1.66E-14 6.81E-13 NA NA NA NA NA NA NA 2.58E-12 4.34E-16 6.74E-15 3.33E-09 5.61E-10 2.30E-08 4.53E-16 7.63E-17 3.13E-15 1.34E-15 2.5E-16 9.26E-15 NA NA 1.65E-13 2.78E-14 1.04E-12 1.50E-13 2.53E-14 1.04E-12 1.50E-13 2.53E-14 1.04E-12 1.50E-14 2.98E-15 7.39E-12 1.07E-12 1.80E-13 7.39E-12	9.84E-14 1.66E-14 6.81E-13 NA NA NA NA NA NA NA NA 2.58E-12 4.34E-15 6.74E-15 NA 2.58E-12 4.34E-13 1.78E-11 3.33E-09 5.61E-10 2.30E-08 4.53E-16 7.63E-17 3.13E-15 1.34E-15 2.5E-16 9.26E-15 NA NA NA NA NA NA NA NA NA N		1-Dichloroethane	NA		AN	NA	
NA N	NA N	<u>, </u>	2-Dichloroethane	9.84E-14	.66E	6.81E-13	6.91E-13	1.36E-12
NA N	NA N	-	1-Dichloroethene	NA	N	NA	NA	
9.75E-16 1.64E-16 6.74E-15 NA NA 2.58E-12 4.34E-13 1.78E-11 3.33E-09 5.61E-10 2.30E-08 4.53E-16 7.63E-17 3.13E-15 1.34E-15 2.25E-16 9.26E-15 NA N	NA N	-	2-Dichloroethene	AN	N	AN	NA	
9.75E-16 1.64E-16 6.74E-15 NA NA 2.58E-12 4.34E-13 1.78E-11 3.33E-09 5.61E-10 2.30E-08 4.53E-16 7.63E-17 3.13E-15 1.34E-15 2.25E-16 9.26E-15 NA	9.75E-16 1.64E-16 6.74E-15 NA 2.58E-12 4.34E-13 1.78E-11 3.33E-09 5.61E-10 2.30E-08 4.53E-16 7.63E-17 3.13E-15 1.34E-15 2.25E-16 9.26E-15 NA	-	2-Dichloropropane	NA	NA	NA	AN	
2.58E-12 4.34E-13 1.78E-11 3.33E-09 5.61E-10 2.30E-08 4.53E-16 7.63E-17 3.13E-15 1.34E-15 1.3	2.58E-12 4.34E-13 1.78E-11 3.33E-09 5.61E-10 2.30E-08 4.53E-16 7.63E-17 3.13E-15 1.34E-15 1.34E-15 2.25E-16 9.26E-15 NA	0	eldrin	9.75E-16		6.74E-15	6.84E-15	1.35E
2.58E-12 4.34E-13 1.78E-11 3.33E-09 5.61E-10 2.30E-08 4.53E-16 7.63E-17 3.13E-15 1.34E-15 2.55E-16 9.26E-15 1.65E-13 2.78E-14 1.14E-12 1.50E-13 2.53E-14 1.04E-12 1.50E-13 2.53E-14 1.04E-12 1.50E-13 2.53E-14 1.04E-12 1.77E-14 2.98E-15 7.25E-13 9.36E-11 1.58E-11 6.47E-10 1.07E-12 7.77E-13 2.95E-11	2.58E-12 4.34E-13 1.78E-11 3.33E-09 5.61E-10 2.30E-08 4.53E-16 7.63E-17 3.13E-15 1.34E-15 2.55E-16 9.26E-15 NA NA 1.65E-13 2.78E-14 1.4E-12 1.50E-13 2.53E-14 1.04E-12 1.50E-13 2.53E-14 1.04E-12 1.77E-14 2.98E-15 7.26E-09 1.77E-14 2.98E-11 7.29E-11 1.07E-12 7.17E-13 2.95E-11 4.26E-12 7.17E-13 2.95E-11 8.55E-12 1.44E-12 5.91E-11	۵	methyldisulfide	NA	AN	AN	AN	
3.35E-09 5.61E-10 2.30E-08 4.53E-16 7.63E-17 3.13E-15 1.34E-15 2.25E-16 9.26E-15 NA NA NA 1.65E-13 2.78E-14 1.14E-12 1.50E-13 2.53E-14 1.04E-12 1.77E-14 2.98E-15 1.22E-13 9.36E-11 1.58E-11 6.47E-10 1.07E-12 7.17E-13 2.95E-11	3.35E-09 5.61E-10 2.30E-08 4.53E-16 7.63E-17 3.13E-15 1.34E-15 2.25E-16 9.26E-15 NA NA NA 1.65E-13 2.78E-14 1.14E-12 1.50E-13 2.53E-14 1.04E-12 1.77E-14 2.98E-15 1.22E-13 9.36E-11 1.58E-11 6.47E-10 1.07E-12 1.80E-13 7.39E-12 4.26E-12 7.17E-13 2.95E-11 8.55E-12 1.44E-12 5.91E-11	£	xachlorobenzene	2.58E-12	4.34E-13	1.78E-11	1.81E-11	
oride NA NA NA NA NA NA NA NA NA N	oride NA	£	drazine	3.33E-09	5. 61E-10	2 30F-08	2 34F-08	4.61F-08
oride NA	oride NA		ndane	7 53E-16	7 435.17	7 17E 15	2 185.15	
oride NA NA NA NA NA NA NA NA NA N	oride NA	E	lathion	1 2/6.15	7 255-17	0.136.15	3. 10E 13	
NA N	Interface NA	2	1. d. i.	1.345.13	2.22E-10	7. COE - 15	7.39E-15	
athyl ketone 1.65E-13 2.78E-14 1.14E-12 [phenol 1.56E-13 2.53E-14 1.04E-12 [phenol 1.56E-13 2.53E-14 1.04E-12 [phenol 1.77E-10 7.26E-09 1.77E-10 7.26E-09 [phenol 1.77E-14 2.98E-15 1.22E-13 [phenol 1.07E-12 1.88E-11 6.47E-10 1.07E-12 1.80E-13 7.39E-12 [phthalene 4.26E-12 7.17E-13 2.95E-11 [phenol 1.07E-12 1.80E-13 7.39E-12 [phthalene 1.07E-12 1.80E-13 7.39E-12 [phthalene 1.07E-12 1.80E-13 7.39E-12 [phthalene 1.07E-12 1.80E-13 7.39E-12 [phthalene 1.07E-12 1.80E-13 7.39E-13 7.39E-13 [phthalene 1.07E-12 1.80E-13 7.39E-13 7.39E-13 [phthalene 1.07E-12 1.80E-13 7.39E-13 7.39E-13 7.39E-13 [phthalene 1.07E-12 1.80E-13 7.39E-13 7.39E-	The chloride NA NA NA NA NA Laber of the chloride NA NA NA NA NA NA Laber of the chloride NA	Ē:	thy chloride	AN	Ä	NA	NA	
thyl ketone 1.65E-13 2.78E-14 1.14E-12 [hhenol 1.50E-13 2.53E-14 1.04E-12 1.04E-12 1.04E-12 1.04E-12 1.04E-12 1.04E-12 1.04E-12 1.04E-13 1.04E-13 1.04E-13 1.04E-13 1.04E-13 1.07E-12 1.07E-12 1.00E-13 7.39E-12 1.07E-12 1.00E-13 7.39E-12 1.07E-12 1.00E-13 7.39E-12 1.07E-12 1.00E-13 7.39E-12 1.00E-13 7.39E-12 1.00E-13 1.00E-13 7.39E-13 1.00E-13 1	thyl ketone 1.65E-13 2.78E-14 1.14E-12 1.50E-13 2.53E-14 1.04E-12 1.05E-13 1.55E-14 1.04E-12 1.05E-19 1.77E-10 7.26E-09 1.77E-10 7.26E-09 1.77E-14 2.98E-15 1.22E-13 1.07E-12 1.07E-12 1.00E-13 7.39E-12 1.07E-12 1.07E-12 1.00E-13 7.39E-12 1.07E-12 1.00E-13 2.95E-11 1.00E-13	æ:	thylene chloride	AN	NA	NA	NA	
thenol 1.50E-13 2.53E-14 1.04E-12 1/4 1.04E-12 1/4 1.05E-09 1.77E-10 7.26E-09 1.77E-10 7.26E-09 1.77E-10 7.26E-09 1.77E-11 1.22E-13 1.22E-13 1.05E-11 1.58E-11 6.47E-10 1.07E-12 1.80E-13 2.95E-11 1.80E-13 2.90E-13 2.90E-	thenol 1.50E-13 2.53E-14 1.04E-12 17.04E-12 1.05E-09 1.77E-10 7.26E-09 1.77E-10 7.26E-09 1.77E-10 7.26E-09 1.77E-10 7.26E-09 1.77E-10 7.38E-15 1.22E-13 1.03E-11 1.58E-11 1.58E-11 1.39E-12 1.39E-12 1.39E-11 1.39E-13 1.39E-11 1.39E-13 1.39E-11 1.39E-12 1.39E-12 1.39E-11 1.39E-12 1.39	£	thyl ethyl ketone	1.65E-13	2.78E-14	1.14E-12	1.16E-12	
tyl hydrazine 1.05E-09 1.77E-10 7.26E-09 1.77E-10 1.22E-13 1.22E-13 1.22E-13 1.22E-13 1.26E-19 1.07E-10 1.07E-12 1.80E-13 7.39E-12 1.07E-12 1.80E-13 2.95E-11 1.07E-12 1.00E-13 1.00E-1	tyl hydrazine 1.05E-09 1.77E-10 7.26E-09 1.77E-10 7.26E-09 1.77E-10 7.26E-09 1.77E-10 7.26E-09 1.77E-10 1.22E-13 1.22E-13 1.07E-12 1.00E-13 7.39E-12 1.07E-12 7.17E-13 2.95E-11 1.00E-12 1.44E-12 5.91E-11	+	Methylphenol	1.50E-13	2 535-14	1.04F-12	1.05F-12	
tene carbonitrile 1.77E-14 2.98E-15 1.22E-13 tene carbonitrile 9.36E-11 1.58E-11 6.47E-10 sodimethylamine 1.07E-12 1.80E-13 7.39E-12 phthalene 4.26E-12 7.17E-13 2.95E-11	tene carbonitrile 1.77E-14 2.98E-15 1.22E-13 1.22E-13 1.22E-13 1.22E-13 1.22E-13 1.22E-13 1.22E-13 1.07E-12 1.80E-13 7.39E-12 1.07E-12 1.80E-13 2.95E-11 1.07E-12 1.44E-12 5.91E-11 1.05E-12 1.44E-12 5.91E-11	£	nomethyl hydrazine	1 055-00	1 77E-10	7 245-00	7 275.00	
tene carbonitrile 9.36E-11 1.58E-11 6.47E-10 1.58E-11 1.58E-11 7.39E-12 7.39E-12 7.17E-13 2.95E-11 1.30E-13 2.90E-13 2.90E-13 2.90E-13 2.90E-13 2.90E-13 2.9	tene carbonitrile 9.36E-11 1.58E-11 6.47E-10 1.58E-11 1.58E-11 7.39E-12 7.39E-12 1.80E-13 7.39E-12 aphthalene 4.26E-12 7.17E-13 2.95E-11 0(a)pyrene 8.55E-12 1.44E-12 5.91E-11	2	nhthalone	1 775 47	2000	1 225 67	2012.07	- (
sodimethylamine 4.26E-12 1.80E-13 7.39E-12 aphthalene 4.26E-12 7.17E-13 2.95E-11	telle carbonitrile 9.56=-11 1.58E-11 6.47E-10 sodimethylamine 1.07E-12 1.80E-13 7.39E-12 aphthalene 4.26E-12 7.17E-13 2.95E-11 aphthene 8.55E-12 1.44E-12 5.91E-11	2 3	phenologies and	1.//E-14	2.78E-15	1.446-15	1-24E-15	v
Sodimethylamine 1.07E-12 1.80E-13 7.39E-12 aphthalene 4.26E-12 7.17E-13 2.95E-11	Sodimethylamine 1.07E-12 1.80E-13 7.39E-12 aphthalene 4.26E-12 7.17E-13 2.95E-11 aphthene 4.26E-12 7.17E-13 2.95E-11 o(a)pyrene 8.55E-12 1.44E-12 5.91E-11	2		9.36E-11	1.58E-11	6.47E-10	6.57E-10	
senaphthalene 4.26E-12 7.17E-13 2.95E-11	senaphthalene 4.26E-12 7.17E-13 2.95E-11 senaphthene 4.26E-12 7.17E-13 2.95E-11 anzo(a)pyrene 8.55E-12 1.44E-12 5.91E-11	ċ	Nitrosodimethylamine	1.07E-12	1.80E-13	7.39E-12	7.49E-12	1.48E-11
cenaphthalene 4.26E-12 7.17E-13 2.95E-11	cenaphthalene 4.26E-12 7.17E-13 2.95E-11 cenaphthene 4.26E-12 7.17E-13 2.95E-11 enzo(a)pyrene 8.55E-12 1.44E-12 5.91E-11	7	INS.					
Consultations	cenaphthene 4.26E-12 7.17E-13 2.95E-11 enzo(a)pyrene 8.55E-12 1.44E-12 5.91E-11		Acenaphthalene	4.26E-12	7.17E-13	2.95E-11	2.99E-11	Ŋ
cenaphrhene 4.26E-12 7.17E-13 2.95E-11	enzo(a)pyrene 8.55E-12 1.44E-12 5.91E-11		Acenaphthene	4.26E-12	7.17E-13	2.95E-11	2.99E-11	5.89E-11

œ	1.20E-11 1.20E-10 1.20E-10	4.67E-14 2.40E-10 2.97E-14	1.47e-11 2.36e-13 NA 1.35e-11 7.24e-12	NA NA 3.67E-12 NA 1.17E-13 NA NA	9.18E-09 9.18E-12 NA NA NA NA NA NA NA NA N	D*AT*1000 SD*BD ER * x DF
æ	1.18E-11 1.18E-10 1.18E-10	4.61E-14 2.37E-10 2.93E-14	1.45E-11 2.32E-13 NA 1.33E-11 7.14E-12	NA NA NA NA 5. 73E-08 1. 16E-13 NA NA	1.56E-09 9.05E-12 NA NA NA NA NA NA NA NA NA NA	" " O O
۵	6.00E-12 6.00E-11 6.00E-11 6.00E-12	2.34E-14 1.20E-10 1.49E-14	7.37E-12 1.18E-13 NA 6.76E-12 3.62E-12	NA NA NA 2.91E-08 5.87E-14 NA NA	E-10 7.92E-10 NA N	
0	5.91E-12 5.91E-11 5.91E-11	2.30E-14 1.18E-10 1.47E-14	7.26E-12 1.16E-13 NA 6.66E-12 3.57E-12	1.81E-12 NA NA 2.86E-08 5.79E-14 NA NA NA	L C KRASSAN SON	mg/g sec/yr or INHALATION DFI ctor DRY DRY DRY
Z	1.44E-13 1.44E-12 1.44E-12 1.44E-13	5.61E-16 2.88E-12 3.57E-16	1.77E-13 2.83E-15 NA 1.62E-13 8.69E-14	NA NA 4.40E-14 NA 6.97E-10 1.41E-15 NA NA		1.00E+03 mg/g 3.15E+07 sec/yr Dilution Factor 1.22E-01 INHALATION 5.05E-04 DRY 3.00E-03 DRY/WET
E 7	8.55E-13 8.55E-12 8.55E-12 8.55E-12	3.33E-15 1.71E-11 2.12E-15	1.05e-12 1.68e-14 NA 9.63e-13 5.16e-13	NA NA 2.61E-13 NA 4.14E-09 8.37E-15 NA NA	1.13E-10 6.54E-13 NA NA NA 4.23E-12 4.23E-12 NA NA	Dit
O	,h)anthracene ene		o o	Toluene Trichlorobenzene Trichloroethene Unsym. dimethyl hydrazine Vapona Vinyl acetate Vinyl chloride	INORGANICS Arsenic Cadmium Chromium (III) Chromium (VI) Copper Iron Lead Mercury Selenium Silver Zinc	
A C	65 64 64 64 64 64	5,565	885554	83 83 83 83 83 83 83 83 83 83 83 83 83 8		-0M4U0F80-
4	2000	- W W V				108 108 108 108 108 108

	TOTAL (mg/Kg/day)	2.516 2.
	DERMAL EXPOSURE (mg/Kg/day)	4.16E-15 6.46R-15 6.46R-15 7.16E-15 1.07E-16 1.07E-16 1.07E-16 1.07E-16 1.34E-19 1.34E-19 1.04E-17 1.04E-17 1.06E-20 1.19E-17 1.08E-14 1.28E-14 1.28E-14 1.36E-19 1.36E-19 1.10E-17 1.28E-14 1.36E-17 1.36E-17 1.36E-17 1.36E-17 1.36E-17
	FISH CONSUMPTION (mg/Kg/day)	7.76E-21 NA 100E+00 2.33E-19 2.51E-20 2.51E-20 2.51E-20 2.51E-24 3.35E-19 2.19E-22 3.35E-24 3.37E-22 1.91E-23 1.08E-24 1.08E-24 1.08E-24 1.08E-24 1.08E-24 1.08E-24 1.08E-24 1.08E-24 1.08E-24 1.08E-24 1.08E-24 1.08E-24 1.08E-24 1.08E-24 1.08E-24 1.08E-24 1.08E-24 1.08E-24 1.08E-24 1.08E-26 0.00E+00 1.06E+19 1.05E-19
	SOIL/DUST EXPOSURE (mg/Kg/day)	1.13E-14 1.76E-20 5.36E-16 5.36E-16 5.90E-16
	BEEF EXPOSURE (mg/Kg/day)	9.30E-19 7.10A 7.10A 7.10A 7.10A 7.10B-21 1.38E-19 1.38E-19 1.05E-21 1.05E-21 1.55E-20 1.56E-20 1.56E-20 1.56E-21 1.55E-20 1.56E-21 1.55E-20 1.56E-21 2.10E-21 2.10E-18 8.30E-23 8.30E-23 8.30E-23 8.30E-23 8.30E-23 8.30E-23 8.30E-23
AVERAGE	MILK EXPOSURE (mg/Kg/day)	2.37E-18 4.78E-20 4.43E-19 1.54E-20 3.54E-19 2.76E-21 4.02E-17 4.02E-17 4.02E-17 4.03E-18 3.97E-21 3.97E-21 1.63E-18 1.63E-21 9.47E-21 5.35E-21 5.35E-21 6.35E-21
OTAL EXPOSURE - AVE	VEGETABLE EXPOSURE (mg/Kg/day)	1.92E-11 NA 1.16E-13 2.58E-14 2.58E-14 2.58E-14 3.15E-14 3.15E-14 4.96E-17 4.06E-17 6.59E-14 6.59E-14 7.50E-13 8.16E-14 8.1
ADULT TOTAL E	INHALATION EXPOSURE (mg/Kg/day)	2.57E-15 2.57E-15 2.57E-15 2.57E-13 2.57E-13 2.57E-13 2.58E-14 2.58E-14 2.58E-14 3.76E-14 3.76E-14 4.12E-14 5.56E-14 5.56E-14 6.20E-14 6.20E-14 7.30E-14
BASE CASE	18-Jun-91 14:39:20 RES-B	Acetonitrile Acetonitrile Actorio Actorio Aldrin Aniline Atrazine Benzaldehyde Benzaldehyde Benzene Benzole Bisperyl A-Chlorobiphenyl A-Chlorobenzene Bisperyl Bisperyl Bisperyl A-Dichloropensene Bisperyl Bisper
	92876	112 ORGANICS 13 Acet 14 Acet 14 Acet 16 Acet 17 Acet 17 Acet 18 Acet 18 Acet 18 Acet 18 Acet 19 Benz 20 Benz 2

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and the continue of the contin	Chrysene	5.67E-15	3.03E-16	3.85E-18	99E	2.83E-17	.55E-		6.01E-1
rocethere 5.67E-15 1.72E-17 5.25E-18 2.88E-17 2.92E-18 1.06E-17 2.02E-18 1.06E-17 2.02E-18 1.06E-17 2.02E-18 1.06E-17 2.02E-18 1.06E-17 2.02E-18 1.06E-18 1.	Dibenzo(a,h)anthracene	5.67E-14	6.87E-16	1.28E-16	67E	2.83E-16	95F-	1.04F-16	5 ARF-1
marchrene 2.7fe-15 7.1fe-16 6.32fe-19 2.3fe-19 2.8fe-17 1.0fe-19 1	Fluoranthene	5 67E-14	5 ADE-15	1 725-17	5 52E-18	2 RZE-16	NA	1 0/5-16	4 20E-1
The continue of the continue o	Fliorene	E 475-15	7 445.44	2 225.40	2 202 0	2 025 17	1	0/1	70.0
mainthene 2.2TE-17 2.03E-18 3.05E-21 1.00E-17 5.66E-16 1.00E-19 4.05E-20 ion 1.00E-17 1.03E-18 3.05E-21 1.00E-17 5.66E-16 1.00E-19 3.47E-17 2.03E-18 1.03E-16 1.00E-17 1.05E-17 1.03E-16 1.00E-17 1.05E-17 1.03E-18 1.03E-18 1.03E-19 1.00E-19 3.47E-17 2.03E-19 1.00E-19 3.47E-17 1.03E-17 1.03E-19 1.03E-1		2.01	01-311-7	61.37C-0	4.30E-17	Z.03E-1/	22/	1.046-17	0.47E-
ion control of the co	Phenanthrene	2.21E-17	2.03E-18	3.05E-21	1.09E-21	1.10E-19	01E-	4.05E-20	2.44E-1
ion 1,40E-17 1,45E-18 8,54E-22 3,2EE-27 7,00E-20 3,7FE-27 1,17E-17 1,17E-18 1,17E-18 1,17E-17 1,17E-18 1,17E-17 1,17E-18 1,17E-17	Pyrene	1.13E-13	1.08F-14	3.27E-17	1.06F-17	5-66F-16	50F-	2 DRF-14	1 255-1
hicrobenzene 6,086-15 1,776-18 5,886-19 7,776-17 3,176-17 1,176-17 1,176-18 5,886-19 1,776-18 1,206-19 1,776-18 5,886-19 1,776-18 1,206-19 1,776-18 1,776-18 1,776-19	rathion	1 40E-17	4 755.40	0 575.00	Z 2ZE 22	7 005-30	1	2001	יולו יו
nicordenzene 0.00E-15 1.60E-15 1.67E-18 5.85E-19 5.64E-17 NA 1.20E-17 1.60E-15 1.66E-15 1.66E-17 1.60E-17 1.60E-18 1.60E-19 1.77E-17 NA 1.60E-17 1.60E		1104.	01-364	0.74E-66	3.635	1.00E-20		Z.30E.Z	300
The continue	ntachlorobenzene	6.96E-15	1.60E-15	1.77E-18	5.83E-19	3.47E-17	Ä	1.28E-17	8.61E-1
high continue (b. 38E-15	enof	1.11E-16	1.56E-16	6-65E-22	2.60E-22	5.56E-19	AN	2.04F-19	2 KRF-1
ine 6.38E-15 2.92E-15 6.63E-20 2.59E-20 3.18E-17 6.35E-21 1.17E-17 his bid or observation 5.38E-15 1.38E-15 3.77E-19 1.38E-19 1.77E-17 his bid or observation 6.38E-15 1.38E-15 3.77E-19 1.38E-19 1.77E-17 his bid or observation 6.38E-15 1.03E-19 1.38E-15 1.03E-19 1.38E-16 his	ridine	A 20F-12	NA	NA.	VN	NA	N.	NA NA	4 20E 4
hioroethene 3,42E-15 1,38E-19 2,53E-20 3,18E-17 0,53E-17 1,17E-17 1,17E-17 1,17E-17 1,13E-17		7,101.7	17 100 0		2	-	5 1	¥ .	ם בחבים
Intercept	Inotine	6.38E-15	2.92E-15	55E-	.59E	5.18E-1/	55E-	1.17E-17	9.34E-1
hicknessene 1.20E-16 NA	trachlorobenzene	3.42E-15	1.83E-15	77E-	38E	1.71E-17	A	6.28E-18	5.28E-1
e orobenzene 1.75E-15 NA	trachloroethene	1-20E-16	NA NA	AN	AN	AN	NA	MA	1 205-1
orobenzene 1.73E-15 1.03E-16 1.26E-19 4.77E-20 8.64E-18 9.59E-21 3.18E-18	liene	1 015-15		914	***	4			1100
1.75e-15		1.7 IE- 13		AN TO THE	2	YE.	Ž	YN.	.7
directive of the control of the cont	chloropenzene	1.75E-15		1.26E-19	-72F	8.64E-18	-39E-	3.18E-18	1.85E-1
dimethyl hydrazine 2.74E-11 3.08E-09 3.84E-18 1.51E-18 1.37E-19 2.72E-19 1.02E-19 1.	ichloroethene	1.27E-15	N.	AN	WA	AN	NA	NA	1.27F-1
sectate	svm. dimethyl hydrazine	2.74F-11			515	1 375-13	30F	170	7 10E-0
acetate 7.38E-16 NA		111111111111111111111111111111111111111			100	1111	1 1	100	100.0
c (total) C 7.48E-16 NA	0018	2.335-1/			יכלב.	Z. / /E- 19	- 12E-	. UZE	8.296-1
s (total) 1.36E-16 NA NA NA NA NA NA NA NA NA N	nyl acetate	7.87E-16	NA NA	AN	AA	A	Ä	NA	7.87E-1
s (total) 1.36e-16 NA	nyl chloride	7.30E-16	A.	NA	ΑN	**	AN	AN	SOF-
T.48E-13 1.10E-15 2.02E-17 3.73E-15 4.36E-15 1.37E-16 M. MA	(enes (total)	1.36F-16	AN	AN	NA	NA	AN	N	-
T.48E-13 1.10E-15 2.02E-17 3.73E-15 4.36E-15 1.37E-16 4.34E-15 7.27E-17 4.18E-18 1.83E-19 2.16E-17 6.76E-16 NA							=	5	300
7.48e-13 1.10e-15 2.02e-17 3.73e-15 4.36e-15 1.37e-16 4.34e-15 7.27e-17 4.18e-18 1.83e-19 2.16e-17 NA	8317								
tum (VI)		7 /01 47	70 101	77 700 0	7 /57 47	77 - 77	1/1	, , , , ,	1
1.92E-15		1,405-13	2 201 - 12	C1-320-2	71.300.7	3.735.13		1.3/E-10	(29E-
1.92E-14		4.34E-15	1.2/E-1/		1.85E-19	2.16E-1/	A.	7.96E-19	4.43E-1
Name		1.92E-14	NA NA	AN	Ä	NA	AN A	AA	1.92E-1
2.84E-14 NA	romium (VI)	6.76F-16	MA	NA	MM	NA.	MA	MA	4 74C-1
Livy 5.08E-19 NA	2000	2 0/2:1/		~					100.0
1. Substitute of the substitut		4- 340-7	42	A.V	¥	Z.		AN	2.30E-1
2.80E-14 NA	uo uo	6.90E-10	A'A	AN	¥	ΑN	NA NA	A	6.90E-1
2.80E-14 6.61E-16 1.06E-17 7.98E-16 1.40E-16 NA 5.15E-18 8.49E-14 NA	, ad	2.80E-14	A.	AN	AN	A	¥	AN	2.80E-1
11 cm 8.49E-14 NA	rcury	2.80F-14	61F-	OAF	ORE-1	40F	NA.	155	2 07E-1
br 2.23E-15 NA	len'i m	8 705-17	Y	MA	Y	4	Y N		
br 2.03E-15 NA NA NA NA NA NA NA NA NA 2.03E-15 NA 2.23E-15 NA 2.2		1, 1,00	¥ :	¥ :			Z :	¥ :	0.4%E-
br 2.23E-15 NA NA NA 2.03E-15 NA 2.23E-15 NA 365 days/yr S65 days/yr S0*BD cf 365000 (1000 ug/mg)*(365 day/yr) AC = ER * DFI Inhalation dose = Cair*br*ef/bw/cf	. ver	3.88E-16	A	AN.	A	NA.		¥	3.88E-1
20 M3/day 70 Kg 365 days/yr 365000 (1000 ug/mg)*(365 day/yr) AC = ER * DFI	20	2.23E-13	X.	₹Z	AN	×		NA	2.25E-1
20 M3/day 70 Kg 365 days/yr 365000 (1000 ug/mg)*(365 day/yr) AC = ER * D									
20 M3/day 70 Kg 365 days/yr 365000 (1000 ug/mg)*(365 day/yr) AC = ER * D									
70 Kg 365 days/yr 365000 (1000 ug/mg)*(365 day/yr) nalation dose = Cair*br*ef/bW/cf		br		/day		D*AT*1000			
365 days/yr 365000 (1000 ug/mg)*(365 day/yr) AC = ER * D		μď							
365000 (1000 μ g/mg)*(365 day/yr) AC = ER * D natation dose = Cair*br*ef/bw/cf		4		an frie		CO*CO			
<pre>scaude (love ug/mg)*(sos day/yr) AC = ER * D natation dose = Cair*br*ef/bw/cf</pre>		<u> </u>		75/ YI		2000			
ion dose = Cair*br*ef/bw/cf		CT		oc) "(gm/gu uuv		-			
ION dose = Caif*Df*eT/DW/CT					•	11 71 7			
			11	/DW/CT					

CASE 198.2 2			A	AE	¥	AG	AH	AI	٩	AK
18-Jun-9 EPPOSINE PROSUME P					IMIM					
18_Juny INMALATION VEREFIABLE ENDISTEE ENDISTING ENGINE ENDISTING CONTROLLED ENDISTEE END										
1,139:20		18-Jun-91	INHALATION	VEGETABLE	MILK	BEEF	SOIL/DUST EXPOSIBE	FISH	DERMAL	TOTAL
2.57E-15 2.57E-15 3.56E-18 3.56E-18 5.56E-19 5.5		14:39:20 RES-B	(mg/Kg/day)	(mg/Kg/day)	(mg/Kg/day)	(mg/Kg/day)	(mg/Kg/day)	(mg/Kg/day)	(mg/Kg/day)	(mg/Kg/day)
2.27E-12 1.99E-11 2.42E-18 9.45E-19 1.15E-14 7.76E-21 4.28E-75 4.22E-75 1.99E-11 2.42E-18 1.64E-19 1.78E-70 2.81E-72 2.81E-75 2.02E-16 2.02E-17 2.02E-19 1.02E-19 1.0	ANICS		2) 545,15	4		Š	į		:	
9 6 6 6 7 M M M M M M M M M M M M M M M M	Acetonitrile		2 27E-12	1 05E-11	107	0 75E-10	1 15E-17	ZKE Z		2.51E-1
3.52E-18 6.76E-18 1.45E-19 1.78E-19 6.45E-10 2.35E-21 6.55E-10 2.35E-10 1.44E-19 1.78E-19 6.45E-10 2.35E-10 1.47E-19 6.45E-19 1.47E-19 6.45E-10 2.35E-10 1.47E-10 2.35E-10 1.47E-10 2.35E-10 1.47E-10 2.35E-10 2.3	Acrylonitrile		9.64E-13	NA	S	NA.	NA I	N X	-	0 66F-17
7.87E-16 1.20E-13 4.66E-19 1.76E-19 6.45E-16 2.33E-19 2.37E-16 5.88E-13 4.66E-18 2.46E-19 1.45E-19 5.96E-16 1.00E-16 1.00E-16 1.40E-19 2.94E-16 2.51E-20 1.00E-16 1.00E-16 2.88E-13 5.88E-13 5.8	Aldrin		3.52E-18	6.76E-18	1.45E-18	1.64E-19	1.78E-20	2.81E-27	6.55E-21	1.19E-17
7.30E-16 2.02E-16 2.16E-20 6.77E-21 3.59E-18 0.00E-00 1.47E-18 7.30E-16 0.00E-19 0.00E-00 1.47E-18 7.30E-17 0.00E-19 0.0	Aniline		1.27E-13	1.20E-13	4-65E-19	1.78E-19	6.45E-16	2.33E-19	2.37E-16	2.49E-1
2.06E-16	Atrazine		7.8/E-16	2.02E-16	2.16E-20	6.77E-21	3.99E-18	0.00E+00		9.95E-10
2.82E-13 7.32E-14 7.66E-18 2.40E-18 1.43E-15 5.53E-19 5.26E-16 6.20E-17 2.66E-16 2.90E-19 1.44E-16 2.90E-19 1.46E-15 2.90E-19 1.46E-19 2.90E-19 1.46E-15 2.90E-19 2.90E-10 1.90E-10 1.9	Benzene		7 30F-14	Z. (4E- 14	3.87E-19	1.44E-19	2.94E-16	2.51E-20		8.59E-1
2.88E-14	Benzofuran		2.82F-13	7 375-14		2 40E-18	1 475-15	R 525-10	~	7 50E-10
2.66E-13 2.68E-13 4.50E-18 1.66E-18 3.14E-15 2.99E-19 1.16E-15 2.68E-19 N.	Benzoic Acid		2.84E-14	8.88E-15		1.04E-19	1.44F-16	2.20E-20	5 20E-17	3 75E- 1/
2.64E-16 7.23E-17 3.16E-21 1.13E-21 1.34E-18 2.51E-24 4.92E-19 1.26E-16 2.29E-16 1.37E-15 1.34E-16 7.90E-19 3.25E-24 2.97E-19 1.27E-19 1.25E-16 1.37E-19 2.37E-19 2.37E-29 2.37E-29 2.37E-29 2.37E-29 2.37E-29 2.37E-29 2.37E-29 2.37E-19 2.3	Benzonitrile		6.20E-13	2.68E-13		1.66E-18	3.14E-15	2.99F-19	1.16F-15	8 03E-1
2.8E-13	Benzothiazole		2.64E-16	7.23E-17		1.12E-21	1.34E-18	2.51E-24	4.92E-19	3.39E-10
1.56E-16 2.29E-16 1.37E-15 1.54E-16 7.90E-19 3.25E-24 2.91E-19 1.27E-15 2.37E-15 1.54E-16 7.90E-19 3.25E-24 2.91E-19 1.27E-15 2.37E-15 3.70E-15 2.37E-16 2.37E-19 2.37E-19 3.70E-19 2.70E-15 2.37E-19 2.37E-29 2.37E-19 2.37E-29 2.37E-19 2.37E-29 2.37E-29 2.37E-19 2.37E-29 2.3	Biphenyl		2.84E-13	NA		NA	NA	NA	NA	2.84E-1
1.07E-15	Bis(2-ethylhexyl,	phthalate	1.56E-16	2.29E-16		1.54E-16	7.90E-19	3.25E-24	91E-1	1.91E-1
Consoliding	Carbazole	9	1.27E-15	2.13E-16		2.23E-20	6.45E-18	3.31E-21	2.37E-18	1.50E-15
1.75E-16	4-Chloroaniline	90	7 30E-13	NA 2 18E-17		NA 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	NA 2 201 40	NA C	AN	3.70E-15
1.80E-16 1.50E-17 2.63E-19 3.80E-20 9.10E-19 3.39E-22 3.35E-19 9.06E-16 6.44E-15 3.06E-15 4.34E-20 1.45E-21 4.58E-20 5.77E-24 1.68E-20 6.44E-15 3.06E-15 4.34E-20 1.61E-20 5.77E-24 1.68E-20 1.66E-17 1.91E-20 1.06E-17 1.91E-20 1.06E-17 1.91E-20 1.06E-17 1.06E-17 1.91E-20 1.06E-17 1.01E-15 6.29E-16 1.67E-18 3.13E-19 2.87E-17 2.19E-20 1.06E-17 1.06E-17 1.02E-17 1.02E-17 1.02E-18 1.00E-17 1.02E-16 1.03E-16 1.03E-18 1.03E-19 1.0	Chlorobenzene		1.75E-16	NA :		NA NA	J.OSE IS	7.43E-62	1.30E-19	7.55E-17
6.46E-16 6.77E-19 5.91E-20 7.45E-21 4.58E-20 5.71E-24 1.68E-20 1.61E-20 3.26E-17 1.91E-23 1.20E-17 1.91E-13 1.91E-19 1.06E-17 1.01E-11 1.01E-17 1.0	4-Chlorobiphenyl		1.80E-16	1.50E-17		.80E	9.10E-19	3.39E-22	3.35E-19	1.96E-16
3.14E-15 3.06E-15 4.34E-20 1.61E-20 3.26E-17 1.91E-23 1.20E-17 1.91E-16 1.67E-18 3.3E-19 1.88E-17 1.91E-20 1.06E-17 1.91E-20 1.06E-17 1.88E-17 1.30E-16 1.06E-17 1.88E-17 1.30E-18 1.20E-17 1.88E-18 1.20E-18 1.20E-19 1.06E-17 1.88E-18 1.20E-18 1.20E-19 1.20E-19 1.20E-19 1.20E-19 1.20E-20 1.00E-20 1.00E-20 1.00E-20 1.20E-20 1.00E-20 1.00E-20 1.20E-20 1.20E-20 1.00E-20 1.00E-20 1.20E-20 1.20E-20 1.00E-20 1.00E-20 1.20E-20 1.20E-18 1.20E-20 1.20E-20 1.20E-18 1.20E-20 1.20E-20 1.20E-18 1.20E-19 1.20E-17 1.20E-17 1.20E-17 1.20E-19 1.20E-17 1.20	4,4-Chlorobiphen)	ź	9.05E-18	6.17E-19		.45E-	4.58E-20	5.71E-24	1.68E-20	9.796-18
5.74E-74 NA	Chloroethane		6.44E-15	3.06E-15		1.61E-20	3.26E-17	1.91E-23	1.20E-17	9.55E-15
Table 19	Chlorotorm		5.14E-14	AN C	NA VATA	•	¥ !	Y S	¥.	3.14E-14
4.61E-17 NA	Dichlorobenzenes	(total)	7 30F-16		1.0/E-10		3/2		-06E-	6.34E-15
2.09E-15 NA	1.4-Dichlorobe	nzene	4.61E-17	AN AN	AN	AN	Z Z	Z 7	¥ 2	/ 50E- 10
6.52E-16 9.41E-16 4.34E-21 1.61E-21 3.30E-18 5.73E-23 1.21E-18 NA N	1,1-Dichloroethan	9	2.09E-15	N.	N	×.	N.	AN	Z Z	2 NOF-15
1.12E-15 NA	1,2-Dichloroethan	Q	6.52E-16		.34E-	.61E-	30E	73E	2	1.60E-15
9.66E-16 NA	1,1-Dichloroether	e e	1.12E-15	NA	NA	NA	NA	¥	Z	1.12E-15
4.14E-16 NA	1,2-Dichloroether	.	9.66E-16	Y.	Y.	Y.	NA:	NA	NA	9.66E-16
1.78E-16 8.78E-17 1.12E-17 8.58E-17 4.30E-29 1.008-24 1.20E-20 1.77E-14 2.46E-15 8.78E-17 1.12E-17 8.58E-17 4.30E-19 3.18E-17 2.21E-11 5.61E-09 1.65E-18 6.49E-19 1.12E-13 3.52E-20 4.73E-26 5.59E-21 3.00E-18 5.74E-19 2.05E-22 5.32E-23 1.52E-20 4.73E-26 5.59E-21 8.87E-18 1.03E-18 3.26E-22 9.64E-23 4.49E-20 0.00E+00 1.65E-20 8.87E-18 1.03E-18 3.26E-22 9.64E-23 4.49E-20 0.00E+00 1.65E-20 1.65E-20 8.87E-18 1.03E-18 1.03E-18 1.03E-18 1.03E-18 1.03E-19 1.03E-18 1.03E-18 1.03E-18 1.03E-18 1.03E-18 1.03E-18 1.03E-19 1.03E-18 1.03E-18 1.03E-19 1.0	1, 2-Vicnioroprope	Je	4-14E-10	Z I	NA TAT	NA COL	Ž	XX.	NA	4.14E-16
1.71E-14 2.46E-15 8.75E-17 8.65E-17 4.30E-19 3.18E-17 2.71E-14 2.46E-15 8.75E-18 6.49E-19 1.12E-17 3.52E-20 4.75E-26 5.59E-21 3.00E-18 5.74E-19 2.05E-22 5.32E-23 1.52E-20 4.75E-26 5.59E-21 4.11E-14 3.00E-18 5.74E-19 2.05E-22 5.32E-23 1.52E-20 4.75E-26 5.59E-21 4.11E-14 3.46E-15 3.26E-22 5.32E-23 1.52E-20 4.75E-26 5.59E-21 4.11E-14 3.26E-22 5.32E-23 4.49E-20 0.00E+00 1.65E-20 4.11E-14 3.26E-22 5.32E-23 4.49E-20 0.00E+00 1.65E-20 4.11E-14 1.00E-16 1.00E+00 1.65E-20 1.65E-20 4.11E-14 1.00E-16 1.00E+00 1.65E-20 1.65E-20 4.11E-14 1.00E-16 1.00E+00 1.00E+00 1.00E+00 4.11E-17 1.00E-17 1.10E-17 1.10E-17 1.10E-17 1.10E-17 5.26E-17 1.00E-17 1.10E-17 1.10E-17 1.10E-17 1.10E-17 5.26E-17 1.05E-19 1.05E-19 1.05E-19 1.05E-19 1.00E+10 5.26E-17 1.05E-18 1.44E-18 1.43E-16 4.07E-20 5.26E-17 5.26E-17 1.05E-17 1.05E-19 1.05E-19 1.05E-19 1.05E-17 5.26E-17 1.05E-17 1	Dimethyldiculfide	P	1 785-15	ָּהְלָם בּיל	1.71E-19	2.UZE-ZU	- Z/E	-08E	1.20E-20	8.94E-17
azine 2.1E-11 5.61E-09 1.65E-18 6.49E-19 1.52E-20 4.75E-26 5.59E-21 4.11E-14 3.00E-18 3.00E-18 5.74E-19 2.05E-22 5.32E-23 1.52E-20 4.75E-26 5.59E-21 4.11E-14 3.26E-22 9.64E-23 4.49E-20 0.00E+00 1.65E-20 1.65E-19 1.65E-1	Hexachi orobenzene		1 715-14	2 46E-15	R 77E-17	1 125.17	8 45E-17	7 ZOE 10		1.785-15
thion 8.87E-18	Hydrazine		2.21E-11	5.61E-09	1.65E-18	6.49E-19	1,125-13	3 52F-20	7, 105-17	5 635-14
thion 8.87E-18 1.03E-18 3.26E-22 9.64E-23 4.49E-20 0.00E+00 1.55E-20 1.65E-20 1.65E-18 0.00E+00 1.65E-20 1.65E-20 1.65E-18 0.00E+00 1.65E-20 1.65E-18 0.00E+00 1.65E-18 1.65E-20 1.65E-18 0.00E+00 1.65E-18 1.65E-18 1.65E-20 1.65E-18 1.65E-19 1.65E-	Lindane		3.00E-18	5.74E-19	2.05E-22	5.32E-23	1.52E-20	4.73F-26	5 505-21	3 60F-18
Check Chec	Malathion		8.87E-18	1.03E-18	3.26E-22	9.64E-23	4.49E-20	0.00E+00	1.65F-20	9.96F-18
/lene chloride 5.23E-14 NA	Methyl chloride		8.67E-16	NA	NA	NA	AN	N A	NA IN	8-67E-16
thylphenol 9.94E-16 6.44E-15 2.11E-21 8.18E-22 5.55E-18 0.00E+00 2.04E-18 thylphenol 9.94E-16 6.44E-16 1.10E-20 3.91E-21 5.03E-18 2.71E-23 1.85E-18 1.85E-18 2.71E-23 1.85E-18 1.85E-18 2.71E-20 1.30E-14 1.12E-20 1.30E-14 1.12E-20 1.30E-14 1.12E-20 1.30E-14 1.12E-20 1.30E-14 1.12E-20 1.30E-14 1.16E-15	Methylene chloria	a	5.23E-14	NA	NA	NA	AN	N.	AN	5-23E-14
Intropretation 9.94E-16 6.44E-16 1.10E-20 3.91E-21 5.03E-18 2.71E-23 1.85E-18 nethyl hydrazine 6.96E-12 1.22E-09 5.22E-19 2.05E-19 3.52E-14 1.12E-20 1.30E-14 1.12E-21 3.52E-14 1.12E-20 1.30E-14 1.13E-19 1.17E-17 3.14E-15 3.42E-18 1.16E-15 1.16E-15 1.16E-15 1.12E-21 3.58E-17 0.00E+00 1.32E-17 1.12E-21 3.58E-17 0.00E+00 1.32E-17 1.12E-18 1.43E-16 1.05E-19 5.26E-17 1.15E-18 1.43E-16 4.07E-20 5.26E-17	Methyl ethyl keto	ne	1.10E-15	4.54E-15	2.11E-21	8.18E-22	.55E-1	0.00E+00	-04E-1	5.65E-15
thalene carbonitrile 6.96E-12 1.22E-19 5.22E-19 3.52E-14 1.12E-20 1.30E-14 thalene 1.17E-10 1.30E-14 1.12E-20 1.30E-14 1.12E-20 1.30E-14 thalene 1.17E-16 2.61E-17 8.70E-21 2.21E-21 5.94E-19 1.48E-19 2.18E-19 1.48E-19 1.16E-15 1.16E-16 1.16E-19 1.	4-Methylphenol		9.94E-16	6.44E-16	1.10E-20	3.91E-21	.03E-1	2.71E-23	.85E-1	1.65E-15
catene 1.17E-16 2.61E-17 8.70E-21 5.94E-19 1.48E-19 2.18E-19 2.18E-19 1.48E-19 2.18E-19 2.18E-15 3.42E-18 1.35E-17 0.00E+00 1.32E-17 0.00E+00 1.32E-17 0.00E+00 1.32E-17 0.00E+18 1.43E-16 1.05E-19 5.26E-17 0.00E+18 1.43E-16 4.07E-20 5.26E-17 0.00E+18 1.43E-16 4.07E-20 5.26E-17	Monomethyl hydraz	ıne	6.96E-12	1.22E-09	5.22E-19	2.05E-19	.52E-1	1.12E-20	.30E-1	1.22E-09
inatene carbonitrite 6.20E-13 1.38E-13 4.00E-17 1.17E-17 3.14E-15 3.42E-18 1.16E-15 1.rosodimethylamine 7.08E-15 7.54E-13 5.43E-21 3.58E-17 0.00E+00 1.32E-17 enaphthalene 2.82E-14 6.70E-15 5.68E-18 1.44E-18 1.43E-16 4.07E-20 5.26E-17 5.26E-17	Naphthalene		1.17E-16	2.61E-17	8.70E-21	2.21E-21	-94E-1	1.48E-19	.18E-1	1.44E-16
constitution of the control of the c	Naphthalene carbo	nitrile	6.20E-13	7 58E-15	4.60E-17	7.17E-17	14E-1	3.42E-18	.16E-1	7.63E-13
cenaphthalene 2.82E-14 6.70E-15 7.55E-18 1.44E-18 1.43E-16 1.05E-19 5.26E-17 3.51E canaphthene 2.82E-14 3.44E-15 5.68E-18 1.15E-18 1.43E-16 4.07E-20 5.26E-17 3.19E	PAHS	מווי		C1 - 24C - 1	7.435-21	7. 125. 21	. 305-1	0.002+00	.52E-1	7.62E-13
2.82E-14 3.44E-15 5.68E-18 1.15E-18 1.43E-16 4.07E-20 5.26E-17 3.19E	Acenaphthalene			6.70E-15	7.55E-18	1.44E-18	1.43E-16	1.05E-19	.26E	3.51E-14
	Acenaphthene			3-44E-15	5 68F-18	1.155-18	1 435-16	4 N7E-20	376	701 7

Chicken Copper (11) Secret Copper (12) Secret Copper (13) Secret Copper (13) Secret Copper (13) Secret Copper (14) Secret Copper (15) Secret Coppe	m	U	AD TABLE 3	AE	AF	AG	AH	AI	AJ	AK
anothere 5.67E-14 1.08E-15 2.97E-15 3.62E-16 2.88E-16 1.06E-16 overhele 5.67E-14 1.08E-15 2.97E-15 3.62E-16 2.88E-18 4.07E-15 2.97E-17 1.06E-16 overhele 5.67E-17 5.07E-19 2.97E-17 2.97E-17 1.06E-16 overhele 5.67E-17 2.97E-17 1.07E-16 1.06E-16 2.88E-19 1.12E-17 1.07E-18 1.06E-18 2.17E-17 1.07E-19 1.0		Chrysene	5.67E-15	4.36E-16	5.93E-17	7.28E-18	2.87E-17	3.55E-19	1.06E-17	6.21E-15
oreation 5.67E-14 7.7EE-15 1.67E-16 2.28E-77 2.87E-17 2.92E-70 1.06E-17 2.66E-18 1.67E-19 2.87E-19 2.87E-19 1.07E-19 2.87E-19 1.07E-19 2.87E-19 1.07E-19 2.87E-19 1.07E-19 2.87E-19 1.07E-19 2.87E-19 1.07E-19 2.77E-19 1.07E-19 1.		Dibenzo(a,h)anthracene	5.67E-14	1.98E-15	2.97E-15	3.45E-16	2.87E-16	7.95E-17	1.06E-16	6.24E-14
anothere 5.67F-15 8.08E-16 2.08E-19 4.71E-19 1.01E-19 1.0		Fluoranthene	5.67E-14	7.17E-15	1.67E-16	2.23E-17	2.87E-16	AN	1.06E-16	6.44E-14
matchrene 1.12E-17 2.56E-18 1.51E-20 2.55E-27 1.10E-19 1.01E-19 2.11E-16 1.00E-18 2.30E-17 1.70E-18 2.30E-17 1.70E-17 1.70E-18 2.30E-19 1.70E-17 1.70E-17 1.70E-18 2.30E-19 1.70E-17 1.70E-17 1.70E-18 2.30E-19 1.70E-17 1.70E-17 1.70E-17 1.70E-18 2.30E-19 1.70E-17 1.70E-18 1.70E-17 1.70E-17 1.70E-17 1.70E-17 1.70E-17 1.70E-17 1.70E-18 1.70E-17 1.70E-17 1.70E-17 1.70E-17 1.70E-17 1.70E-17 1.70E-18 1.70E-17 1.70E-18 1.70E-19 1.		Fluorene	5.67E-15	8.50E-16	2.80E-18	4-75F-19	2 87F-17	2 02F-20	1 NAF-17	6 5KF-15
13E-13 13GE-14 2.0EE-16 5.7GE-16 5.0GE-16 5.1GE-17 5.7GE-16 5.7GE-16 5.1GE-16 5.1GE-16 5.1GE-16 5.1GE-16 5.1GE-16 5.1GE-16 5.1GE-17 5.7GE-16 5.2GE-19 5		Phenanthrene	2.21E-17	2.56E-18	1.61E-20	2.56E-21	1.12E-19	1.01F-19	4.11F-20	2.49F-17
ion thrombenzene 6.96E-17 1.77E-18 2.30E-21 4.88E-22 7.11E-20 3.177E-25 2.61E-20 1.00E-17 1.76E-19 1.51E-17 2.08E-18 3.75E-17 NA 1.30E-17 NA 2.07E-19 NA		Pyrene	1.13E-13	1.36F-14	3.05F-16	4 125-17	5 74E-16	1 605-18	2 115-16	1 285-13
hicrobenzene 6,965-15 178E-15 1.51E-17 2.08E-18 3.52E-17 NA 1.30E-17 NA 1.30E-		Parathion	1 40F-17	1 70F-18	2.30F-21	4 ROF-22	7 115.20	2 17E-25	2 415.20	1 505-17
1.11E-16 1.60E-16 7.26E-22 2.70E-22 5.64E-19 NA 2.07E-19 NA 1.07E-19 NA 1.07E-		Dentach orobenzene	A 04E-18	1 78E-15	1 515-17	2 086-18	Z 525.17	ון אַנּיי ביי	2011 50	0 015 15
ne 6.20E-15 1.00E-10 7.2E-20 2.7E-20 3.2E-17 6.35E-21 1.9E-17 1.00E-10 1.00		phonol openical openical	4 44E-12	1 405 14	7 376 2	2 705 2	3.325.17	¥ :	1.306-17	0.016-13
ine considerable control of the cont		Tilello.	200 72	01-300-1	77-302-7	2-10E-22	0.04E-19	NA.	Z-0/E-19	2.72E-10
hiorobenzene 6.38E-15 3.00E-15 7.82E-20 3.23E-17 6.35E-21 1.19E-17 hiorobenzene 6.38E-15 1.94E-15 7.82E-20 3.23E-17 6.35E-21 1.19E-17 hiorobenzene 1.20E-16 NA		Pyrigine	6.20E-13	NA.	¥	AZ.	AN	AN	A	6.20E-13
hiorobenzene 3,42E-15 1.94E-15 1.65E-18 2.82E-19 1.73E-17 NA 6.37E-18 hiorobenzene 1.20E-16 NA		Quinoline	6.38E-15	3.10E-15	7.82E-20	2.75E-20	3.23E-17		1.19E-17	9.53E-15
hicknethere 1.20E-16 NA		Tetrachlorobenzene	3.42E-15	1.94E-15	1.65E-18	2.82E-19	1.73E-17	NA	6.37E-18	5.38E-15
orobenzene 1.29E-15		Tetrachloroethene	1.20E-16	AN	A.	NA	NA	N.	AN	1.20E-16
oroethere 1.73E-15 1.44E-16 3.90E-19 7.72E-20 8.77E-18 9.59E-21 3.22E-18		Toluene	1.91E-15	A.	A.	NA	NA	AN	AN.	1.91E-15
oroethene 1.27E-15 NA		Trichlorobenzene	1.73E-15	1.44E-16	-306	7.72E-20	77E		3.22E-18	1.89E-15
dimethyl hydrazine 2.74E-11 3.12E-09 3.90E-18 1.53E-18 1.39E-13 4.39E-20 5.11E-14 5.55E-17 2.87E-17 3.39E-22 1.27E-22 2.81E-19 2.12E-25 1.03E-19		Trichloroethene	1.27E-15	N.		NA.	N		NA.	1.27F-15
sectate 7.55E-17 2.87E-17 3.39E-22 1.27E-22 2.81E-19 2.12E-25 1.03E-19 1.03E-19 1.03E-19 1.03E-19 1.03E-19 1.03E-19 1.03E-19 1.03E-16 1.03		Unsym_dimethyl hydrazine	2.74F-11	3 12F-09		1 575-18	305	0C-30E 7	5 115.14	4 15E-00
acetate 7.87E-16 NA		Vapona	5.55E-17	2-87E-17		1.27E-22	815	2.12F-25	1 03E-10	8 46F-17
chloride 7.30E-16 NA		Vinvl acetate	7.87E-16	AN		AN	AN	AN	NA	7 87F-16
s (total) 1.36e-16 NA		Vinyl chloride	7.30E-16	A.	A N	AN	MA	NA N	NA.	7.30F-16
7.48E-13 1.80E-14 1.08E-14 1.33E-16 3.78E-15 4.36E-15 1.39E-16 4.34E-15 1.72E-16 1.27E-17 3.54E-19 2.19E-17 NA		Xylenes (total)	1.36E-16	AN	AN	NA	NA	NA.	NA	1.36E-16
7.48E-13 1.80E-14 1.08E-14 1.33E-16 3.78E-15 4.36E-15 1.39E-16 4.34E-15 1.72E-16 1.27E-17 3.54E-17 NA	ON	SOLICE								
## (111) ##	2	Arsenic	7 485-13	1 ROF-14	1 DRE-14	1 235.16	Z 785.15	272	1 ZOE 14	7 OFE-12
1.92E-14 NA		Tool of the second	7, 3/5-15	1 725-14	1 275-17	2 5/6-10	2 105-17	200	0 075 10	21-20-7
		5	1 025-1/	NA LO	NA NA	NA NA	11 - 12 - 11	Y S	0.07E-17	4.046-10
are 100 ms			4 745-14	¥ 4		¥ = =	¥ :	¥ .	¥ :	1.72E-14
5.50 (100 ug/mg)*(365 day/yr)			2 202 10	***	¥ = =	¥.	¥.	Z S	AN :	0.705-10
Decided to the state of the sta		copper	7.09E-14	Y.	AN.	AN.	AN:	367·	A A	2.90E-14
2.80E-14 1.30E-15 3.54E-17 1.31E-15 1.42E-16 NA 5.22E-18 3.80E-14 1.30E-15 3.54E-17 1.31E-15 1.42E-16 NA 5.22E-18 3.80E-14 NA		Iron	6.90E-1U	NA.	YY:	N.	AN	NA A	A A	6.90E-10
1.77		Lead	2.80E-14	¥		NA.	AN	N.	AN AN	2.80E-14
## NA		Mercury	2.80E-14	.30E-1		1.31E-15	1.42E-16	NA	.22E-	3.08E-14
3.88E-16 NA NA NA NA NA NA NA NA NA S.23E-15 NA S.25E-15 NA S.25E-		Selenium	8.49E-14	NA N	AN	NA NA	NA	AN	NA	8.49E-14
2.23E-13 NA NA NA 2.03E-15 NA br 20 M3/day bw 70 Kg ef 365 day/yr cf 365000 (1000 ug/mg)*(365 day/yr)		Silver	3.88E-16	NA A	NA	NA	AN	N.	AN	3.88E-16
br 20 M3/day bw 70 Kg ef 365 day/yr cf 365000 (1000 ug/mg)*(365 day/yr)		Zinc	2.23E-13	NA NA	NA	NA	NA	03E	N.	2.25E-13
br 20 bw 70 ef 36500 cf 365000										
br 20 bw 70 ef 36500 cf 36500			•							
ef 36500 cf 36500			<u>ب</u>		3/day					
set 365 of cf 365000			MO		o n					
			cf et		ay/yr 1000 ug/mg)*(3	365 day/yr)				

Handation Handation Helical Handation Helical Handation Handation Helical Handation	18_Jun-91 EMPOSINE	BASE CASE	CHILD TOTAL	EXPOSURE - AVE	AVERAGE					
5.66E-15 4.1	noticile 5.26E-15 NM N N N N N N N N N N N N N N N N N N	18-Jun-91 14:39:20 RES-E	INHAL EXPO (mg/K	VEGETABLE EXPOSURE (mg/Kg/day)	MILK EXPOSURE (mg/Kg/day)	BEEF EXPOSURE (mg/Kg/day)	SOIL/DUST EXPOSURE (mg/Kg/day)	FISH CONSUMPTION (mg/Kg/day)	DERMAL EXPOSURE (mg/Kg/day)	TOTAL (mg/Kg/day)
5-66E-15 NA	5.12E-12	S								
2 - 16E - 12	2 - 168 - 12	etone	5.66E-15	r	NA	×	N.	N	¥	5.66E-1
2.98E-13 9.87E-18 2.76E-19 1.79E-20 1.59E-19 6.34E-27 5.40E-20 1.59E-13 6.34E-17 5.47E-19 1.79E-20 1.59E-19 6.34E-17 5.47E-19 1.79E-19 1.7	7.95E-16 9.87E-18 2.78E-19 1.70E-20 1.59E-19 6.34E-27 5.40E-20 1.50E-19 1.5	rvlonitrile	2, 18F-12	•,	1.3/E-1/	.32E	1.02E-13	1.75E-20	3.48E-	3.95E-1
2.38E-13 2.33E-13 2.56E-18 4.33E-19 5.77E-15 5.27E-19 1.39E-15 1.36E-15 1.36E-15 1.36E-16 1.36E-17 3.07E-16 2.04E-18 3.45E-19 3.67E-19 3.53E-19 1.39E-15 1.36E-17 1.36E-15 1.36E-17 1.3	2.38E-13 2.33E-13 2.56E-18 4.33E-19 5.77E-14 1.25E-19 1.39E-15 1.26E-17 1.2	drin	7.95E-18	6	2.76F-10	1 70F-20	1 50E-10	A 7/E-27	Ľ	1 825-1
1.31E-15 3.07E-16 8.92E-20 1.50E-20 3.55E-17 0.00E+00 1.27E-17 1.50E-18 1.11E-17 3.07E-16 8.76E-19 2.62E-15 0.00E+00 1.27E-17 1.50E-18 1.11E-18 3.07E-16 3.56E-17 2.92E-18 1.25E-18 4.35E-19 2.62E-18 1.11E-18 1.11E-18 3.76E-18 1.26E-18 1.26E-18 4.35E-19 2.62E-18 4.96E-30 8.97E-16 6.42E-18 M M M M M M M M M M M M M M M M M M M	1.31E-15 3.07E-16 8.92E-20 1.50E-20 3.55E-17 0.00E+00 1.27E-17 1.50E-18 1.00E+10 1.50E-19 2.62E-15 0.00E+10 1.27E-17 1.25E-18 1.37E-17 1.25E-18 1.35E-17 0.00E+10 1.25E-18 1.35E-17 1.00E-17 1.20E-17 1.2	iline	2.88E-13	2	2.56E-18	4.33E-19	5.74E-15	5.27F-19	, -	5 28F-1
1.516-15 5.10E-14 2.04E-18 3.45E-19 2.62E-15 5.67E-20 8.91E-16 NA	1.51E-13 5.10E-14 2.04E-18 3.45E-19 2.62E-15 5.67E-20 8.91E-16 6.38E-13 1.11E-13 3.17E-17 5.32E-18 1.25E-16 6.38E-15 6.38E-16 1.56E-17 5.32E-18 1.25E-16 6.38E-16 6.38E-16 1.56E-17 5.63E-17 1.99E-17 5.67E-24 6.76E-19 6.32E-16 1.56E-16 1.56E-17 2.68E-17 1.99E-17 5.67E-24 6.06E-18 6.32E-16 1.56E-17 2.68E-17 1.99E-17 5.67E-24 6.06E-18 6.32E-16 1.56E-17 2.68E-17 7.08E-18 7.34E-24 2.04E-18 8.38E-17 2.68E-17 7.08E-18 7.34E-24 2.04E-18 8.38E-17 8.39E-18 7.34E-24 2.04E-18 8.38E-17 8.39E-18 7.34E-24 2.04E-18 8.39E-17 8.39E-18 7.34E-24 1.29E-17 1.25E-18 1.89E-17 8.39E-18 7.36E-17 1.26E-18 1.89E-17 8.39E-18 7.36E-17 1.26E-18 1.89E-17 8.39E-18 7.36E-17 1.26E-18 1.89E-17 8.39E-18 7.66E-17 2.66E-17 2.66E-18 1.66E-17 2.66E-18 1.66E-17 2.66E-19 2.66E-17 2.66E-18 1.66E-17 1.66E-17 2.66E-18 1.66E-17 1.66E-17 2.66E-18 1.66E-17 1.66E-17 2.66E-18 1.66E-17 1.6	razine	1.78E-15	M	8.92E-20	1.50E-20	3.55E-17	0.00E+00	-	2.13E-1
1.16 1.16 1.16 1.27 1.27 1.26	1.00 1.00	nzaldenyde	1.31E-13	'n	2.04E-18	3.45E-19	2.62E-15	5.67E-20		1.86E-1
6 4.2E-13 1.11E-13 3.17E-17 2.32E-18 1.28E-15 4.96E-13 4.33E-15 1.46E-13 4.46E-13 4.	0.42E-14 1.56E-16 2.47E-19 1.26E-15 4.96E-10 4.35E-15 1.66E-16 4.95E-16 1.26E-16 1.26E-17 3.99E-18 2.80E-14 6.76E-19 4.96E-10 4.35E-15 1.26E-16 1.26E-17 3.99E-18 2.80E-14 6.76E-19 4.96E-10 4.35E-15 1.26E-16 1.26E-17 3.99E-18 2.80E-14 6.76E-19 5.25E-16 1.20E-17 7.03E-18 7.46E-21 1.96E-17 1.26E-18 1.26E-17 1.26E-18 1.26E-19 1.2	nzene	1.65E-15	*	AN	NA	NA	¥.	NA	1.65E-1
ate 5.5E-16 1.26E-16 1.56E-20 2.65E-17 1.0E-17 5.67E-24 4.06E-18 6.42E-15 4.96E-20 4.06E-18 6.42E-17 1.0E-17 5.67E-24 4.06E-18 6.42E-17 1.0E-17 5.67E-24 6.06E-18 1.0E-17 1.0E-18 1.0E-19 1.0E-17 1.0E-18 1.0E-19 1.0E	ate 5.52e-16 1.26e-16 1.56e-20 2.63e-21 1.19e-17 5.67e-24 4.06e-18 4.42e-19 1.26e-16 1.56e-20 2.63e-21 1.19e-17 5.67e-24 4.06e-18 1.56e-16 1.56e-20 2.63e-19 7.03e-18 7.34e-17 7.46e-21 1.96e-17 1.96e-17 1.96e-17 1.96e-17 1.96e-18 1.36e-19 1.26e-19	nzoic Acid	6 /35-12		3.1/E-1/	5.32E-18	1.27E-14	1.25E-18	4.33E-15	7.66E-1
5.97E-16 1.26E-16 2.57E-10 2.57E-10 2.00E-14 0.74E-17 3.02E-16 2.56E-10 2.57E-10 2.57E-16 2.56E-16 2.56E-17 2.56E-16 2.56E-17 2.56E-16 2.56E-17 2.56E-16 2.56E-16 2.56E-17 2.56E-16 2.56E-17 2.56E-18 1.26E-18 1.26E-18 1.26E-18 1.26E-18 1.26E-19 2.56E-18 1.26E-19 1.2	## 1.26E-16 1.26E-17 1.79E-17 2.45E-17 1.79E-17 2.46E-18 4.06E-18	nzonitrile	1 405-12	7.05	1.40E-18	2 200 7	1.28E-15	4.96E-20	4.36E-16	8.17E-1
4. 2.52	4. 4.2E-13 NA	nzothiazole	5.97E-16	1.26	1.56F-20	2 KZE-21	1 10E-17	5 47E-19	9.52E-15	7 205-1
3.52E-16 3.32E-16 2.32E-16 1.20E-17 7.03E-18 7.34E-24 2.40E-18 3.5E-16 2.97E-16 2.04E-19 4.39E-17 7.03E-18 7.34E-24 2.40E-18 3.9E-17 3.61E-21 6.09E-22 3.29E-18 2.13E-21 1.12E-18 NA	81 SEE-16 3.32E-16 2.32E-16 1.20E-17 7.03E-18 7.34E-24 2.40E-18 8.35E-15 3.95E-17 7.46E-21 7.46E-21 1.96E-17 7.46E-21 1.96E-17 7.46E-21 1.96E-17 7.46E-21 1.96E-17 7.46E-21 1.96E-17 7.46E-21 1.96E-17 7.46E-21 1.12E-18 1.96E-17 7.46E-19 2.60E-20 3.28E-21 4.08E-19 2.50E-20 3.28E-21 4.08E-19 1.29E-23 1.39E-19 1.26E-16 5.66E-15 2.29E-19 3.87E-20 2.06E-16 4.32E-23 2.36E-18 1.28E-17 1.28E-19 2.60E-20 3.28E-21 4.08E-19 1.29E-23 1.39E-19 1.28E-17 1.28E-14 7.6E-16 2.26E-19 3.87E-20 2.00E-16 4.32E-23 1.39E-17 1.28E-15 1.88E-14 7.6E-16 2.26E-19 3.87E-20 2.00E-16 4.32E-29 1.00E-17 1.28E-15 1.88E-15 1.28E-19 2.60E-20 3.88E-21 2.96E-10 1.29E-23 1.39E-17 1.28E-15 1.88E-15 1.88E-15 1.28E-19 2.60E-20 3.88E-21 2.96E-10 1.29E-20 1.00E-17 1.28E-15 1.88E-16 1.28E-19 2.96E-10 1.29E-20 1.00E-17 1.29E-19 1.96E-17 1.29E-10 1.29	phenyl	6.42E-13	AN	NA	NA NA	NA NA	NA NA	4.00E-10	4 725-1
2.08E-15 2.97E-16 2.64E-19 4.39E-20 5.74E-17 7.46E-21 1.96E-17 1.65E-17 1.65E-17 1.65E-17 1.65E-17 1.65E-17 1.65E-17 1.65E-17 1.65E-18 1.65E-16 1.66E-17 2.01E-19 8.10E-20 3.08E-19 7.66E-22 1.3EE-19 1.12EE-18 1.12EE-18 1.65E-16 2.29E-19 3.28E-21 4.08E-19 7.66E-22 2.90E-16 4.3EE-23 1.39E-19 7.09E-17 1.28E-14 5.66E-15 2.29E-19 3.28E-21 4.08E-19 1.29E-23 1.39E-19 7.09E-17 1.28E-14 1.05E-16 1.05E-16 1.05E-19 1.05E-16 1.05E-17 1.28E-19 1.05E-16 1.05E-19 1	2.08E-15 2.97E-16 2.64E-19 4.39E-20 5.74E-17 7.46E-21 1.96E-17 1.65E-15 1.05E-16	s(2-ethylhexyl)phthalate	3.52E-16	3.32E	2.32E-16	1.20E-17	7.03E-18	7.34E-24	40F	0 38F-1
1.55E-15 1.55E-16 1.55E-17 1.5	8.55E-15 NA	rbazole	2.88E-15	2.97E	2.64E-19	4.39E-20	5.74E-17	7.46E-21	96E	3.25E-1
3.06E-16 3.05E-16 3.05E-16 3.06E-16 3.06E-16 3.06E-17 2.11E-19 3.10E-20 3.29E-18 2.13E-21 1.12E-18 4.06E-15 2.06E-17 2.06E-17 2.10E-19 3.10E-20 3.29E-19 3.29E-21 4.09E-19 1.20E-23 3.29E-19 3.29E-21 3.29E-19 3.29E-21 3.29E-19 3.2	3.06E-16 3.95E-17 3.61E-21 6.09E-22 3.29E-18 2.13E-21 1.12E-18 3.06E-16 1.66E-17 2.11E-19 3.10E-20 8.10E-18 7.66E-22 2.76E-18 2.06E-17 2.10E-19 3.10E-20 8.10E-18 7.66E-22 2.76E-18 2.06E-17 2.10E-19 3.10E-20 8.10E-18 7.66E-22 2.76E-18 2.06E-17 2.10E-19 3.20E-21 4.00E-19 1.20E-33 1.30E-19 1.50E-19 1.20E-33 1.30E-19 1.50E-14 7.76E-16 2.76E-18 4.43E-19 2.55E-16 4.94E-20 8.70E-17 1.50E-19 1.06E-17 1.20E-14 1.04E-16 1.04E-17 1.04E-18 1.04E-18 1.04E-18 1.05E-21 1.05E-21 1.05E-21 1.05E-17 1.0	rbon letrachloride	8.35E-15		NA	NA	NA	NA	NA	8.35E-1
4.066-16 1.666-17 2.118-19 3.108-20 8.108-18 7.668-22 2.766-18 2.066-17 2.066-20 3.286-21 4.086-19 1.296-23 1.396-19 1.456-14 5.666-15 2.296-19 3.876-20 2.906-16 4.326-23 9.896-17 7.066-14 8.436-19 2.566-18 1.296-23 1.396-19 1.296-14 7.766-16 2.766-18 4.436-19 2.556-16 4.946-20 8.706-17 1.526-14 8.436-19 8.446-17 1.296-23 1.396-19 1.066-16 8.706-17 8.436-19 8.446-17 1.296-23 9.896-17 8.446-15 1.516-15 2.296-20 3.886-21 2.946-17 1.296-22 1.006-17 8.366-15 8.366-14 8.446-24 9.926-20 1.006-17 8.366-14 8.366-14 8.366-14 8.366-14 8.366-14 8.366-14 8.366-14 8.366-14 8.366-15 1.066-17 8.466-19 8.956-13 7.966-20 3.396-13 7.966-20 2.006-17 8.486-14 8.366-14 8.366-14 8.366-15 1.366-19 8.366-14 8.366-14 8.366-14 8.366-14 8.366-14 8.366-14 8.366-14 8.366-15 1.366-19 8.366-14 8.366-15 1.366-19 8.3	4.066-16 1.666-17 2.11E-19 3.10E-20 8.10E-18 7.66E-22 2.76E-18 2.06E-17 2.6E-20 3.28E-21 4.08E-19 1.29E-23 1.39E-19 1.45E-14 5.6E-15 2.6E-20 3.28E-21 4.08E-19 1.29E-23 1.39E-19 1.45E-14 NA	Chrobonzene	7.05E-16		-61E-		3.29E-18	2.13E-21	1.12E-18	2.09E-1
2.04E-17 6.18E-19 2.20E-19 3.87E-20 2.90E-16 1.20E-22 1.59E-19 1.45E-14 5.66E-15 2.20E-19 3.87E-20 2.90E-16 4.32E-23 1.59E-19 1.45E-14 5.66E-15 2.20E-19 3.87E-20 2.90E-16 4.32E-23 1.59E-19 1.45E-14 7.6E-16 2.20E-19 3.87E-20 2.90E-16 4.32E-23 1.59E-19 1.65E-15 NA	2.04E-17 6.18E-19 2.29E-19 3.18E-21 4.08E-19 1.029E-23 1.30E-19 1.05E-14 5.66E-15 2.29E-19 3.87E-20 2.90E-16 4.32E-23 9.89E-17 7.09E-14 NA	Chlorobiphenyl	4. OKF-16		7 11E-10	Z .	AN C	AN T	AN C	3.96E-1
1.45E-14 5.66E-15 2.29E-19 3.87E-20 2.90E-16 4.32E-23 9.89E-17 7.09E-14 NA	1.45E-14 5.66E-15 2.29E-19 3.87E-20 2.00E-16 4.32E-23 9.89E-17 7.09E-14 NA	4-Chlorobiphenyl	2.04E-17		2.60E-20	286	0.10E-10	1 20E-22	1 30E-18	7 145-1
1.09E-14	7.09E-14 1.28E-14 1.28E-14 1.55E-15 NA NA NA NA NA NA NA NA NA N	Chloroethane	1.45E-14		2.29E-19	87E-	2.90E-16	4.32F-23	9 80F-17	2 OFF-1
1.28E-14 7.76E-16 2.76E-18 4.43E-19 2.55E-16 4.94E-20 8.70E-17 NA	1.68E-14 7.76E-16 2.76E-18 4.43E-19 2.55E-16 4.94E-20 8.70E-17 1.66E-15	loroform	7.09E-14		NA	N		NA NA	NA	7.09E-1
1.05E-15 NA	1.05E-15 NA	benzoturan	1.28E-14		2.76E-18	•	.55E-	•	70E	1.39E-1
4.715-15 NA	4.77E-15 NA	1 4-Nichlorobenzene	1 0/5-15		A :	NA:	Y.	AN:	NA	1.65E-1
1.47E-15 1.51E-15 2.29E-20 3.88E-21 2.94E-17 1.29E-22 1.00E-17	1.47E-15 1.51E-15 2.29E-20 3.88E-21 2.94E-17 1.29E-22 1.00E-17 NA	1-Dichloroethane	715.15		¥ .	Y:	Y.	¥.	YY:	1.04E-1
2.52E-15 NA	2.52E-15 NA	2-Dichloroethane	1 47F-15	-	2 20E-20		Z Z	NA CC. 22	A C	4.71E-1
2.18E-15 NA	2.18E-15 NA	1-Dichloroethene	2.52E-15	•	NA KO		1	1.295-22	- 100	3.02E-1
Dichloropropane 9.34E-16 NA	Dichloropropane 9.34E-16 NA	2-Dichloroethene	2.18E-15		NA N	NAN	V V	V X	2 2	2 185-1
drin 1.46E-17 1.22E-16 4.94E-20 5.02E-21 2.91E-19 2.44E-24 9.92E-20	drin 1.46E-17 1.22E-16 4.94E-20 5.02E-21 2.91E-19 2.44E-24 9.92E-20	2-Dichloropropane	9.34E-16		AN	NA.	Z Z	C A	42	0 34E-1/
thyldisulfide 4.01E-15 NA	4.01E-15 NA 3.86E-14 3.09E-15 4.20E-17 5.47E-18 7.70E-16 9.71E-19 2.62E-16 4.20E-11 1.04E-08 9.42E-18 1.55E-18 7.70E-16 7.96E-20 3.39E-15 6.78E-18 8.04E-19 6.29E-22 1.05E-22 1.35E-19 1.07E-25 4.61E-20 2.00E-17 1.52E-18 1.24E-21 2.07E-22 4.00E-19 0.00E+00 1.36E-19 1.96E-15 NA	eldrin	1-46E-17	<u>-</u>	4.94E-20		-91E-1	2.44E-24	92F-	1.37F-1
chlorobenzene 3.86E-14 3.09E-15 4.20E-17 5.47E-18 7.70E-16 9.7TE-19 2.62E-16 4.98E-11 1.04E-08 9.42E-18 1.59E-18 7.96E-20 3.39E-13 azine 4.98E-11 1.04E-08 9.42E-18 1.59E-18 7.96E-20 3.39E-13 7.96E-20 3.39E-13 azine 6.78E-18 8.04E-19 6.29E-22 1.05E-22 1.35E-19 1.07E-25 4.61E-20 1.36E-19 1.06E-17 1.52E-18 1.24E-21 2.07E-22 4.00E-19 0.00E+00 1.36E-19 1.36E-17 1.36E-19 1.36E-19 1.36E-17 1.36E-19 1.36E-17 1.36E-19 1.36E-17 1.36E-19 1.36E-17 1.36E-19 1.35E-19 1.35E-19 1.36E-17 1.36E-19 1.37E-16 2.27E-17 2.45E-09 2.25E-19 3.14E-13 3.25E-19 1.37E-16 2.27E-17 2.80E-17 2.36E-19 1.37E-19 1.30E-19 1.37E-16 2.27E-17 2.80E-17 2.36E-19 1.37E-19 1.37	Asign and the component of the component	methyldisulfide	4.01E-15		NA.		N.	NA	N	4.01E-1
Asserted	A consist of the constitution of the constitut	xachlorobenzene	3.86E-14		4.20E-17	5.47E-18	7.70E-16	9.71E-19	62E	4.27E-1
thion 6.78E-18 8.04E-19 6.29E-22 1.05E-22 1.35E-19 1.07E-25 4.61E-20 1.36E-19 1.07E-25 4.00E-40 1.36E-19 1.04E-21 2.07E-22 4.00E-19 0.00E+00 1.36E-19 1.06E-19 0.00E+00 1.36E-19 1.06E-19 0.00E+00 1.36E-19 1.06E-19 1.06E-13 1.06E-15 1.03E-15 1.03E-15 1.03E-15 1.03E-15 1.03E-15 1.03E-15 1.03E-19 1.00E-19 1.00E-	thion 2.00E-17 1.52E-18 1.24E-21 2.07E-22 1.35E-19 1.07E-25 4.61E-20 1.36E-19 1.07E-25 4.00E-40 1.36E-19 1.04E-21 2.07E-22 4.00E-19 0.00E+00 1.36E-19 1.04E-21 2.07E-22 4.00E-19 0.00E+00 1.36E-19 1.06E-19 1.06E-	drazine	4.98E-11		9.42E-18	1.59E-18	9.95E-13	7.96E-20	39E	1.04E-0
thion 2.00E-17 1.52E-18 1.24E-21 2.07E-22 4.00E-19 0.00E+00 1.36E-19 1.24E-21 2.07E-22 4.00E-19 0.00E+00 1.36E-19 1.24E-21 2.07E-22 4.00E-19 0.00E+00 1.36E-19 1.24E-19 1.36E-15 1.36E-15 1.38E-17 1.38E-30 1.38E-	thion 2.00E-17 1.52E-18 1.24E-21 2.07E-22 4.00E-19 0.00E+00 1.36E-19 1.24E-21 2.07E-22 4.00E-19 0.00E+00 1.36E-19 1.24E-21 2.07E-22 4.00E-19 0.00E+00 1.36E-19 1.36E-19 1.36E-15 1.36E-15 1.36E-15 1.36E-15 1.36E-15 1.36E-17 0.00E+00 1.36E-17 0.00E+00 1.36E-17 1.36E-17 0.00E+00 1.36E-17 0.00E+00 1.36E-17 0.00E+00 1.32E-19 1.36E-17 0.00E+00 1.07E-13 1.37E-16 1.36E-17 1.37E-16 1.37E-17 1.37E-17 1.37E-18 1.37E-19 1.37E-18 1.37E-18 1.37E-19 1.37E-18 1.37E-19 1.37E-18 1.37E-18 1.37E-19 1.37E-19 1.37E-19 1.37E-19 1.37E-19 1.37E-19 1.37E-18 1.37E-19 1.37E-	ndane	6.78E-18		6.29E-22	1.05E-22	1.35E-19	1.07E-25	51E	7.77E-18
VI chloride 1.96E-15 NA	Vi chloride 1.96E-15 NA	lathion	2.00E-17		1.24E-21	2.07E-22	4.00E-19	0.00E+00	36E	2.21E-1
NA N	Viene Chioride 1.18E-15 NA	thyl chloride	1.96E-15		AN	NA NA	N A	NA	NA	1.96E-1
thylphenol 2.47E-15 7.86E-15 1.18E-20 2.00E-21 4.94E-17 0.00E+00 1.68E-17 thylphenol 2.25E-15 1.03E-15 5.47E-20 9.25E-21 4.48E-17 6.13E-23 1.53E-17 methyl hydrazine 1.57E-11 2.45E-09 2.97E-18 5.03E-19 3.14E-13 2.52E-20 1.07E-13 thalene carbonitrile 1.40E-12 1.94E-13 1.37E-16 2.27E-17 2.80E-14 7.72E-18 9.52E-15 trosodimethylamine 1.60E-14 1.14E-12 3.08E-20 5.21E-21 3.19E-16 0.00E+00 1.09E-16 cenaphthalene 6.38E-14 9.14E-15 1.30E-17 2.10E-18 1.27E-14 3.25E-15 1.30E-16	VI ethyl ketone 2.47E-15 7.86E-15 1.18E-20 2.00E-21 4.94E-17 0.00E+00 1.68E-17 thylphenol 2.25E-15 1.03E-15 5.47E-20 9.23E-21 4.48E-17 6.13E-23 1.53E-17 nethyl hydrazine 2.55E-16 2.45E-09 2.97E-18 5.03E-19 3.14E-13 2.52E-20 1.07E-13 2.56E-16 3.68E-17 2.28E-21 5.29E-18 3.35E-19 1.80E-18 1.40E-12 1.94E-13 1.37E-16 2.27E-17 2.80E-14 7.72E-18 9.52E-16 1.60E-14 1.14E-12 3.08E-20 5.21E-21 3.19E-16 0.00E+00 1.09E-16 1.09E-16 6.38E-14 4.37E-15 1.11E-17 1.81E-18 1.27E-15 9.18E-20 4.33E-16 5.36E-19 4.33E-16 5.36E-19 4.33E-16 5.36E-19 4.33E-16 5.36E-19 4.33E-16 5.36E-19 5.37E-19 4.33E-16 5.36E-19 5.37E-19 5.37	thylene chloride	1.18E-15		A A	È	NA	NA NA	AN	1.18E-13
try/phenot 2.25E-15 1.03E-15 5.47E-20 9.25E-21 4.48E-17 6.13E-23 1.53E-17 nethyl hydrazine 1.57E-11 2.45E-09 2.97E-18 5.03E-19 3.14E-13 2.52E-20 1.07E-13 thalene 2.65E-16 3.68E-17 2.58E-20 4.29E-21 5.29E-18 3.35E-19 1.80E-18 thalene carbonitrile 1.40E-12 1.94E-13 1.37E-16 2.27E-17 2.80E-14 7.72E-18 9.52E-15 trosodimethylamine 1.60E-14 1.14E-12 3.08E-20 5.21E-21 3.19E-16 0.00E+00 1.09E-16 2.22E-15 2.27E-17 2.80E-16 0.00E+00 1.09E-16 2.22E-15	try/phenot 2.25E-15 1.03E-15 5.47E-20 9.25E-21 4.48E-17 6.13E-23 1.53E-17 nethyl hydrazine 1.57E-11 2.45E-09 2.97E-18 5.03E-19 3.14E-13 2.52E-20 1.07E-13 thalene 2.65E-16 3.68E-17 2.58E-20 4.29E-21 5.29E-18 3.35E-19 1.80E-18 thalene carbonitrile 1.40E-12 1.94E-13 1.37E-16 2.27E-17 2.80E-14 7.72E-18 9.52E-15 trosodimethylamine 1.60E-14 1.14E-12 3.08E-20 5.21E-21 3.19E-16 0.00E+00 1.09E-16 enaphthalene 6.38E-14 4.37E-15 1.11E-17 1.81E-18 1.27E-15 9.18E-20 4.33E-16	rnyl ethyl Ketone	2.47E-15		1.18E-20	8	.94E-1	0.00E+00	1.68E-17	1.04E-1
Helly Ingrazine 1.5/E-11 2.45E-09 2.97E-18 5.03E-19 3.14E-13 2.52E-20 1.07E-13 thatene 2.65E-16 3.68E-17 2.58E-20 4.29E-21 5.29E-18 3.35E-19 1.80E-18 thatene carbonitrile 1.40E-12 1.94E-13 1.37E-16 2.27E-17 2.80E-14 7.72E-18 9.52E-15 trosodimethylamine 1.60E-14 1.14E-12 3.08E-20 5.21E-21 3.19E-16 0.00E+00 1.09E-16 cenaphthalene 6.38E-14 9.14E-15 1.30E-17 2.10E-18 1.27E-15 2.22E-15	thalene 2.65E-16 3.68E-17 2.58E-20 4.29E-21 5.29E-18 3.35E-19 1.07E-13 1.00E-14 1.00E-14 1.07E-15 1.00E-14 1.07E-15 1.00E-16 1.00	detnyt phenot	2.25-15		5.47E-20	23	.48E-1	6.13E-23	1.53E-17	3.34E-15
thatene 2.95E-19 3.05E-17 2.58E-20 4.29E-21 5.29E-18 3.35E-19 1.80E-18 3.09E-1 thatene carbonitrite 1.40E-12 1.94E-13 1.37E-16 2.27E-17 2.80E-14 7.72E-18 9.52E-15 1.63E-1 trosodimethytamine 1.60E-14 1.14E-12 3.08E-20 5.21E-21 3.19E-16 0.00E+00 1.09E-16 1.16E-1 eenaphthalene 6.38E-14 9.14E-15 1.30E-17 2.10E-18 1.27E-15 2.27E-10 2.22E-14 7.4E-1	thatene 2.05E-10 3.05E-17 2.58E-20 4.29E-21 5.29E-18 3.35E-19 1.80E-18 3.09E-1 thatene carbonitrile 1.40E-12 1.94E-13 1.37E-16 2.27E-17 2.80E-14 7.72E-18 9.52E-15 1.63E-1 trosodimethylamine 1.60E-14 1.14E-12 3.08E-20 5.21E-21 3.19E-16 0.00E+00 1.09E-16 1.16E-1 eenaphthalene 6.38E-14 9.14E-15 1.30E-17 2.10E-18 1.27E-15 2.37E-19 4.33E-16 7.46E-1 eenaphthene 6.38E-14 4.37E-15 1.11E-17 1.81E-18 1.27E-15 9.18E-20 4.33E-16 6.00E-1	nometnyt nydrazine	1.5/E-11		2.97E-18	3	.14E-1	2.52E-20	1.07E-13	2.47E-09
trosodimethylamine 1.40E-12 1.94E-13 1.37E-16 2.27E-17 2.80E-14 7.72E-18 9.52E-15 1.63E-1 trosodimethylamine 1.60E-14 1.14E-12 3.08E-20 5.21E-21 3.19E-16 0.00E+00 1.09E-16 1.16E-1 eenaphthalene 6.38E-14 9.14E-15 1.30E-17 2.10E-18 1.27E-15 2.27E-10 2.22E-14 7.4EE-1	trosodimethylamine 1.40E-12 1.94E-13 1.37E-16 2.27E-17 2.80E-14 7.72E-18 9.52E-15 1.63E-1 trosodimethylamine 1.60E-14 1.14E-12 3.08E-20 5.21E-21 3.19E-16 0.00E+00 1.09E-16 1.16E-1 enaphthalene 6.38E-14 9.14E-15 1.30E-17 2.10E-18 1.27E-15 2.37E-19 4.33E-16 7.46E-1 enaphthene 6.38E-14 4.37E-15 1.11E-17 1.81E-18 1.27E-15 9.18E-20 4.33E-16 6.06E-1		2.65E-16		2.58E-20	29E	.29E-1	3.35E-19	1.80E-18	36C
crosodimeciny dminie 1.00E-14 1.14E-12 3.08E-20 3.21E-21 3.19E-16 0.00E+00 1.09E-16 1.16E-1 eenaphthalene 6.38E-14 9.14E-15 1.30E-17 2.10E-18 1.27E-15 2.27E-10 2.22E-14 7.26E-1	crosommetry camine 1.00E-14 1.14E-12 3.08E-20 3.21E-21 3.19E-16 0.00E+00 1.09E-16 1.16E-1 eenaphthalene 6.38E-14 9.14E-15 1.30E-17 2.10E-18 1.27E-15 2.37E-19 4.33E-16 7.46E-1 eenaphthene 6.38E-14 4.37E-15 1.11E-17 1.81E-18 1.27E-15 9.18E-20 4.33E-14 6.00E-1	onthatene carbonitrile	1 40E-12		1.37E-16	27E	-80E-1	7.72E-18	9.52E-15	1.63E-12
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	6.38E-14 4.37E-15 1.11E-17 1.81E-18 1.27E-15 9.18E-20 4.37E-15 6.00E-1	Acenaphthalene	6.38E-14	9.14E-15	1.30F-17	101	1 275-15	2 275.10	725-16	7 145

Chyene Ch	•										
Chrystale 1.28E-14 4.59E-16 2.28E-17 2.58E-16 8.70E-16 8.70E-17 1.20E-13 1.20E-13 1.20E-13 1.20E-13 1.20E-13 1.20E-13 1.20E-13 1.20E-14 1.20E-15 1.20E-15 1.20E-16 1.20E-17	_		_	AO	AP	AQ	AR	AS	AT	AU	
Fluorestide 1.28E-13 1.04E-15 2.28E-16 1.79E-16 1.79E-16 1.79E-16 1.79E-16 1.79E-16 1.79E-16 1.79E-16 1.79E-17 1.29E-17 1.29E-		Chrysene	3	7. FOE. 14	2 32E.17	2 425.40	2 555. 46	1	707	1 715	
Figure and there is a control of the	5	Dibonzo(a h)enthraceno	1 205-172	0, T, C, 4	7 202 4	2.035-10	2.77.0	100	201.00	1 200	
Future 1.08E-14 1.08E-17	17	The state of the s	1.205-13	21.200.1	7.305.10	0.00-17	Z.33E-15		8. /UE-10	1.325-13	
Prevalence 1.28E-14 1.00E-15 3.65E-18 5.77E-21 5.95E-19 5.95E-19 3.70E-17 1.76E-10 1.76E-10 2.27E-19 3.30E-17 1.76E-10 2.77E-19 3.70E-17 1.76E-18 2.77E-19 3.77E-19 3.77E-1		r (nor anthene	1.28E-15	8.78E-15	9.94E-17	1.38E-17	2.55E-15		8.70E-16	1.40E-13	
Prematitione 4,96E-17 3.12E-18 1.76E-20 2.77E-27 9,95E-19 2.77E-29 9,95E-19 2.77E-29 9,95E-19 2.77E-29 9,95E-19 2.77E-29 1,66E-22 6,37E-29 6,95E-19 2.77E-29 1,77E-29	50	rluorene	1.28E-14	1.09E-15	3.65E-18		2.55E-16		8.70E-17	1.42E-14	
Pertention 2.56E-13 1.66E-14 1.88E-16 2.66E-17 5.1EE-15 2.26E-19 1.76E-15 2.1EE-15 2.26E-17 5.1EE-15 2.26E-18 1.06E-18 1.06E-18 0.36E-17 5.1EE-19 2.36E-18 1.06E-18 1.06E-19 1.06E-18 1.06E-19 1		Phenanthrene	4.98E-17	3.12E-18	1.76E-20	2.71E-21	0.05F-10		3 39F-10	5.45F-17	
Pertiction 3.77E-17 2.3GE-18 4.99E-22 6.33E-19 7.77E-25 2.15E-19 5 Pertiction and a street tion of the control	99	Pyrene	2.56F-13	1 -44F-14	1 80E-16	2 K/E-17	5 11E-15		1 7/5-15	2 705-13	
Pertachlorobenzene 1.57F-14 2.47E-16 1.02E-17 1.44E-16 0.00E-17 1.44E-16 0.0E-17 0.0E-17 1.44E-16 0.0E-17 1.44E-17 1.44E-17 1.44E-16 0.0E-17 1.44E-17 1.44E	24	Darathion	2 175-17	2 ZOE 10	025.04	2000	7.7.		מין דין כ	7 101 1	
Principle of the control of the cont	07	Dontoch Cnehomon	2000	01.300.7	30	22-200.0	0.00=19		Z. 12E- 19	2.4%E-1/	
Prenote 1.51E-16 2.57E-16 3.84E-21 6.50E-28 0.02E-18 NA		Fentachtoropenzene	1.5/E-14	2.41E-15	.02E-	1.45E-18	3.14E-16	A		1.86E-14	
Pyriotine 1.446-12 NA	60	Phenol	2.51E-16	2.57E-16	-84E-	6.50E-22	5.02E-18	NA		5.16E-16	
Tetrachicordenzene	2	Pyridine	1.40E-12	NA	AN	MA	NA	ΝN		1 40E-12	
Tetrachlorochene 2.72E-15 2.76E-16 3.3E-19 1.50E-17 1.50E	7	Quinoline	71-377	720	9ZE	4 1.75-30	100	1727	O 00E-17	1 000	
Tetrachiorocthene 2.76E-16 2.10E-19 5.35E-19 1.36E-16 1.40E-10 5.35E-19 1.36E-16 1.40E-19 5.35E-19 1.36E-16 1.40E-19 1.36E-19 1.3	2	Tetrachiorohenzene	7 725-15	772	200	7 /77 40	ביים ביים	304	7.005	4021	
Trichtorobensene 4,30E-15 NA	11	Total orother	2 302 4	20:	- IOE	3.43E-19	-24E-	AA	5.25E-17	1.0/E-14	
Trichlorobenzene 4.30E-15 NA		retrachloroethene	Z. /UE-16	AN	A.	A	A	N	AN	2.70E-16	
Trich crobenzene 2.88E-15 1.68E-16 7.27E-19 1.18E-17 2.17E-20 2.66E-17 4, who will methy! hydrazine 6.20E-11 5.68E-09 2.22E-17 3.75E-18 1.26E-19 9.92E-20 4.21E-13 5.09E-22 1.56E-18 1.26E-19 9.92E-20 4.21E-13 1.09E-22 1.56E-18 1.26E-19 1.09E-21 1.26E-19 1.09E-19 1.		Toluene	4.30E-15	NA	NA	A	AN	NA	AN	4.30E-15	
Trichloroethene 2.88E-15 MA		Trichlorobenzene	3.91E-15	-68E	27F-	18F	A1E.	17F-	- YYY	4 18F-15	
Unsym. dimethyl hydrazine 6.20E-11 5.68E-09 2.22E-17 3.75E-18 1.24E-12 9.92E-20 4.21E-13 5.77E-14 1.25E-16 1.25E-17 1.81E-21 3.05E-22 2.50E-18 4.78E-25 8.52E-19 1.78E-17 1.81E-21 3.05E-22 2.50E-18 4.78E-25 8.52E-19 1.78E-15 NA		Trichloroethene	2.88F-15	N	2			Y.	1	2 885-15	
1.25E-16 5.30E-17 5.25E-17 5.75E-18 5.75E-18 5.75E-19 5.75E-19 5.75E-19 5.75E-19 5.75E-19 5.75E-19 5.75E-19 5.75E-19 6.75E-19		lineym dimethyl hydroxine	6 20E-11	707				2	2 2 2 2	1,001	
Vinyl acetate 1.78E-15 NA		Vancana dillicting light actilie	4 255 47	96				- 72E-	-21E-1	5.74E-U9	
Virty accesses	Vaporia	1.225-10	.5/E		.05E-		.78E-	.52E-1			
1.65E-15		Vinyl acetate	1.78E-15	¥	AN	NA	NA	NA	NA	1.78E-15	
Xylenes (total) 3.07E-16 NA NA </td <td></td> <td>Vinyl chloride</td> <td>1.65E-15</td> <td>AN</td> <td>AN</td> <td>N.</td> <td>AN</td> <td>AN</td> <td>AN</td> <td>1.65E-15</td> <td></td>		Vinyl chloride	1.65E-15	AN	AN	N.	AN	AN	AN	1.65E-15	
1.69E-12 1.77E-15 1.17E-14 6.61E-17 3.37E-14 9.84E-15 1.15E-15 Arsenic Acadium 1.20E-15 1.20E-16 NA 0.65E-18 Cadmium 4.34E-14 NA NA NA NA NA NA NA N		Xylenes (total)	3.07E-16	NA	NA	N	N	AN	AN	3.07E-16	
Arsentes Arsentes Arsentes Arsentes Arsentes Arsentes Arsentes Arsentes Arsentes Cadmium 9.776-12 1.206-16 2.416-17 4.556-19 1.956-16 Arsente Chromium (111) 4.346-14 Arsente Arsentes Chromium (111) 4.346-14 Arsentes Arsente	-	32114000									
Arsenic Arseni	=	AURGAN I CS									
Cadmium (111) 4.37E-15 1.20E-16 2.41E-17 4.55E-19 1.95E-16 NA 6.65E-18 NA		Arsenic	1.69E-12		.17E-	6.61E-17	3.37E-14	9.84E-15	1.15E-15	1.75E-12	
Chromium (111)			9.79E-15		41E-	4.55E-19	1.95E-16	AN	6-65E-18	1.01E-14	
Chromium (VI) 1.53E-15 NA			4.34E-14	XX.	AN	NA	AN	AN	AN	4-34F-14	
Copper 6.42E-14 NA		Chromium (VI)	1.53E-15	V.	VIV	MA		MA	NA.	1 525-15	
Irred 1.56E-09 NA			71-367 9	NA	Y W			200		7 5/5 7	
1.00 ug/mg		1001	1 545-00	44		¥ :	¥ :	202	¥ :	41-246-0	
1.77		100	1.30E-09	¥.	Y.	Y.	Y.	A.	Y.	1.50E-UV	
Mercury 6.35E-14 1.05E-15 6.15E-17 1.99E-15 NA 4.30E-17 NA 1.99E-15 NA 4.30E-17 NA		Lead	0.33E-14	ž	ž		¥	¥.		6.33E-14	
Selenium 1.92E-13 NA		Mercury	6.33E-14	05E-	.15E	-366	-26E-	NA NA	.30E-1	6.77E-14	
S.03E-16 NA		Selenium	1.92E-13	AN A	AN.	W	AN	Y.	NA	1.92E-13	
5.03E-13 NA NA 4.58E-15 NA DW 4.58E-15 NA 10.00 ug/mg		Silver	8.76E-16	AN	AN	AN	AN	AN	NA	8.76F-16	
10 M3/day 15.5 Kg 1000 ug/mg		Zinc	5.03E-13	A	AN	NA.	MA	FAF.	AN	5 07E-13	
by 15.5 Kg um 1000 ug/mg											
bw 15.5 Kg um 1000 ug/mg											
by 15.5 Kg Lm 1000 ug/mg											
			ភ		/day						
gw/mo non mo	3 2		æ !	15.5 Kg							
Tabel setion door = fair the thirtime			5	ân oool	6m/						
			Inhaintion dead	1							

ation dose = Cair *br/bw/ugmg

HANDATTON VECETABLE NULL PREF SOLI, POUST FISH DERNAL PROPERTIES SOLI, POUST PROPERTIES P	FES-8 (mg/Kg/day) (mg/Kg/kg/ga) (mg/Kg/kg/kg/kg/kg/kg/kg/kg/kg/kg/kg/kg/kg/kg		בארטטטאב האא	MAXIMUM					
5.66E-15 MA	5.66E-15	EXP (mg/l	VEGETABLE EXPOSURE (mg/Kg/day)	MILK EXPOSURE (mg/Kg/day)	BEEF EXPOSURE (mg/Kg/day)	SOIL/DUST EXPOSURE (mg/Kg/day)	FISH CONSUMPTION (mg/Kg/day)	_	TOTAL (mg/Kg/day)
5.12E-15	5-66E-15								
2.16E-12 3.48E-11 1.40E-17 2.36E-18 1.0E-18 1.0E-18 3.5E-17 3.5E-18 1.0E-18 5.2E-18 1.0E-18 5.2E-18 5.	2.16F-12 3.48F-11 1.40F-17 2.36F-18 1.04F-13 1.75F-20	5.66E-15	WA	AN		N.	N.	¥	5.66E
7.98E-16 1.00E-17 8.3FE-18 4.10E-19 1.61E-19 6.34E-27 5.48E-20 1.30E-15 2.46E-13 2.66E-18 1.65E-30 3.60E-17 0.00E-09 1.20E-15 1.20E-17 0.00E-09 1.20E-15 1.20E-17 0.00E-09 1.20E-15 1.20E-17 0.00E-09 1.20E-17 0.00E-19 0.0	7.95E 1 10.02 1	2 10E-12	-384°C	1.40E-1/	v	.04E	1.75E-20	. 55E	4.01E
2.88E-15 2.47E-17 2.86E-19 1.30E-17 5.47E-17 5.4	2.88E-15 2.46E-16 1.25E-19 1.66E-10 2.66E-17 5.67E-20 1.66E-10 1.25E-18 1.25E-19 1.66E-10 2.66E-17 5.67E-20 2.66E-17 5.67E-20 1.66E-17 5.67E-20 2.66E-17 5.66E-17 5.67E-20 2.66E-17 5.67E-19 2.66E-17 5.67E-17 5.67E-19 2.66E-17 5.67E-19 5.6	7 055-18	-	0 275-10	AN A	NA 41E-1	A 2/E-27		2.18E
1.78E-15 3.44E-16 1.28E-19 1.60E-20 3.60E-17 0.00E-60 1.23E-17 1.78E-15 3.44E-16 1.28E-19 1.60E-20 3.60E-17 0.00E-60 1.23E-17 0.00E-60 1.23E-17 0.00E-60 1.23E-17 0.00E-60 1.23E-17 0.00E-60 1.23E-18 1.26E-17 0.00E-60 1.23E-18 4.40E-15 4.40E-15 4.40E-15 5.42E-14 1.20E-17 0.00E-60 1.20E-18 1.20E-17 0.00E-60 1.20E-18 1.20E-17 0.00E-60 1.20E-18 1.20E-17 0.00E-60 1.20E-18 1.20E-17 0.00E-19 9.66E-15 5.70E-10 3.44E-18 2.86E-17 1.20E-17 0.00E-17 1.20E-17 0.00E-17 1.20E-17 0.00E-17 1.20E-17 0.00E-17 1.20E-18 1.20E-17 0.00E-17 1.20E-17 0.00E-17 1.20E-18 1.20E-17 0.00E-17 1.20E-17 0.00E-17 1.20E-18 1.20E-19 1.2	1.78E-15 5.42E-16 1.25E-19 1.66E-20 3.60E-17 0.00E-00 1.75E-13 1.24E-13 5.42E-14 2.23E-18 1.66E-20 3.60E-17 0.00E-00 1.55E-18 1.56E-17 0.00E-00 3.60E-17 0.00E-00 1.55E-18 1.26E-18 1.26E-19 1.20E-18 1.26E-18 1.26E-19 1.20E-19 1.20E-18 1.26E-18 1.26E-19 1.20E-19 1.20E-18 1.26E-19 1.20E-19 1.20E-18 1.26E-18 1.26E-19 1.20E-19 1.2	2 88E-13	2 415.	2 405-18	4. IUE -	275.1	5 27E-27	1 086-15	
1.31E-17 5.42E-14 2.23E-18 3.58E-19 2.65E-15 5.67E-20 9.06E-15 1.05E-15 1.05E-16 1.05E-17 1.05E-18 1.05E-19 1.00E-17 1.05E-18 1.05E-19 1.00E-17 1.05E-16 1.05E-18 1.0	1.31E-13 5.42E-14 2.23E-16 3.58E-19 2.65E-15 5.67E-20 6.38E-15 1.24E-14 1.25E-16 1.65E-19 1.05E-15 1.24E-14 1.67E-18 2.66E-19 1.05E-18 1.26E-19 1.05E-18 1.05E-19 1.05E-18 1.05E-19 1.05E-19 1.05E-18 1.05E-19 1.0	1.78F-15	3 44F	1 255.10	÷ -	60E-1	0 005400	1 225-17	
1.65E-15	6.42E-15 6.42E-17 6.42E-17 6.42E-17 6.42E-13 6.42E-13 6.42E-13 6.42E-13 6.42E-13 6.42E-13 6.42E-14 1.72E-16 1.24E-17 1.24E-16 1.24E-17 1.24E-18 1.24E-17 1.24E-19 1.24E-17 1.24E-18 1.24E-17 1.24E-18 1.24E-17 1.24E-18 1.24E-17 1.24E-18 1.24E-17 1.24E-18 1.24E-17 1.24E-18 1.24E-17 1.24E-17 1.24E-18 1.24E-17 1.25E-18 1.2	1.31E-13	- 42F	2.23F-18	W	65F-1	67F-	9 04F-16	
6.38E-13 1.24E-13 4.42E-17 5.98E-18 1.39E-14 1.25E-18 4.40E-15 1.40E-14 1.25E-14 1.57E-14 1.57E-14 1.57E-17 1.57E-19 1.50E-19 1.5	6.38E-13 1.24E-13 4.42E-17 5.98E-18 1.29E-14 1.25E-18 1.40E-12 5.28E-13 2.60E-17 4.15E-18 2.86E-14 6.74E-19 1.30E-15 4.96E-20 1.40E-17 2.10E-17 4.15E-18 2.86E-14 6.74E-19 1.30E-15 4.96E-20 1.40E-17 1.21E-17 4.15E-18 3.55E-16 3.45E-16 7.96E-19 5.56E-20 5.85E-16 7.14E-18 7.34E-24 5.76E-19 1.26E-16 4.36E-17 4.16E-18 7.46E-21 8.35E-16 4.96E-19 5.56E-20 5.85E-18 7.46E-21 8.35E-16 4.36E-17 4.16E-12 3.36E-18 7.46E-21 8.35E-16 4.36E-17 4.16E-18 7.36E-18 7.46E-21 8.35E-16 4.36E-17 4.16E-18 7.36E-18 7.46E-21 8.35E-18 7.46E-21 8.35E-18 7.46E-21 8.35E-18 7.66E-18 7.6	1.65E-15	•	NA	5	NA.	X	NA	
6.42E-15	6,42E-14, 1,72E-14, 1,67E-18, 2,60E-19, 130E-15, 4,96E-20, 1,40E-12, 1,20E-17, 1,57E-18, 2,60E-19, 130E-17, 1,40E-19, 1,50E-28, 1,40E-19, 1,50E-19, 1,50E-29, 1,40E-19, 1,50E-19, 1,50E-19	6.38E-13	_	4.42E-17	5.98E-18	1.29E-14	1.25E-	4-40E-15	
1.40E-12 5.28E-13 2.60E-17 7.15E-18 2.86E-14 6.74E-19 9.66E-15 6.74E-16 1.39E-16 1.39E-17 1.39E-18 1.39E-19 1.39E-16 1.39E-19 1.3	1,40E-12 5.28E-13 2.66E-17 4.15E-18 2.84E-14 6.74E-19 1.85E-16 1.89E-16 1.89E-20 2.79E-21 1.21E-17 8.74E-19 1.85E-24 1.85E-16 1.89E-16 1.89E-20 2.79E-17 1.21E-17 7.46E-21 1.85E-16 4.31E-17 4.11E-21 6.40E-22 3.34E-18 7.34E-18 7.3	6.42E-14	-	1.67E-18	2.60E-19	1.30E-15	4.96E-	4.43E-16	
5.97E-16 1.39E-16 1.83E-20 2.79E-21 1.21E-17 5.67E-24 4.12E-18 halate 5.52E-16 3.44E-16 7.91E-15 3.83E-16 7.14E-18 7.34E-24 2.45E-19	5.97E-16 1.39E-16 1.83E-20 2.79E-21 1.21E-17 5.67E-24 6.42E-13 MA	1.40E-12	5	2.60E-17	4.15E-18	2.84E-14	6.74E-	9.66E-15	
6,42E-13 NA	6.42E-13	5.97E-16	_	1.83E-20	2.79E-21	1.21E-17	N	4.12E-18	
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8.35E-15 NA	8.35E-15 8.4.5E-16 8.4.31E-17 8.4.0E-20 8.26E-16 8.24E-17 8.4.0E-20 8.26E-18 8.26E-23 8.26E-18 8.26E-18 8.26E-18 8.26E-18 8.26E-18 8.26E-18 8.26E-19 8.26E-20 8.26E-19 8.26E-19 8.26E-19 8.26E-19 8.26E-19 8.26E-19 8	2.88E-15	3.55E-	-96E	5.56E-20	.83E-	-46E-	1.98E-17	
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4,06E-16 2,44E-7 1,52E-18 9,48E-20 8,22E-18 7,66E-22 2,80E-18 1,41E-19 1,20E-15 1,20E-15 1,41E-19 1,86E-20 4,14E-19 1,20E-23 1,41E-19 1,62E-14 6,01E-15 2,50E-19 4,01E-20 2,95E-16 4,32E-23 1,00E-16 1,00E-16 1,00E-14 1,00E-15 1,00E-16 1,00E-16 1,00E-14 1,00E-15 1,00E-15 1,00E-16 1,00E-16 1,00E-14 1,00E-15 1,00E-15 1,00E-16 1,00E-15 1,00E-16 1,00E-15 1,00	4.06E-16 2.44E-17 1.5E-18 9.48E-20 8.22E-18 7.66E-22 2.04E-17 1.01E-18 3.41E-19 1.86E-20 4.14E-19 1.29E-23 2.04E-17 1.01E-18 3.41E-19 1.86E-20 4.14E-19 1.29E-23 1.45E-14 6.01E-15 2.50E-19 4.01E-20 2.95E-16 4.32E-23 7.09E-14 NA	1.65E-16	4.31E-	116	6.40E-22	3.34E-18	13E-	1.14E-18	
2.06E-19	2.046-17	3.90E-16	•	AN .	AN O	AN	AN .	AN O	3.96E
1.09E-14 1.01E-15 2.51E-17 1.03E-20 4.01E-25 1.041E-17 1.03E-14 1.02E-15 9.63E-18 7.00E-16 4.52E-23 1.041E-17 1.03E-14 1.02E-15 9.63E-18 7.00E-19 1.05E-16 4.52E-23 1.041E-17 1.03E-15 NA	Table 19 1.08E-17 1.09E-17 1.08E-17 1.08E-17 1.09E-17 1.0	4.00E-10		1.52E-18	-48E-	8.22E-18	7.66E-22	-80E-	4.43E
T.09E-14 NA	T. 29E-14	1 455-14		2 505-19	200	9 OFE- 14	1.29E-23	1 005-14	2.24E
1.28E-14 1.02E-15 9.63E-18 7.88E-19 2.59E-16 4.94E-20 8.82E-17 1.65E-15 NA	1.28E-14 1.02E-15 9.63E-18 7.80E-19 2.59E-16 4.94E-20 1.02E-15 NA	7.09F-14		NA	NA NA	NA NA	NA	NA	7.005
1.65E-15 NA	tal) 1.65E-15 NA	1.28F-14	1.02F-15	O 63E-18	7 RUE-10	S OF	04F.	R 82F-17	160.
1.04E-16 NA	He for the following state of the following s	1.65E-15	NA	NA	NA.	AN	N.	NA	1.65F
4.71E-15 NA NA NA NA NA NA NA NA NA N	4.71E-15 1.47E-15 1.56E-15 2.51E-20 4.02E-21 2.58E-17 1.29E-22 2.52E-15 NA NA NA NA NA NA NA NA NA N	1.04E-16	AN	A.	AN	NA.	N.	N.	1.04E-
2.52E-15 NA	2.52E-15 NA	4.71E-15	¥.	Š		×		¥	4.71E-
2.52E-15 NA	2.52E-15 NA	1.47E-15	-36E-	.51E	.02E-	.98E	.29E-	.02E	3.07E-
2.18E-15 NA	2.18E-15 NA	2.52E-15	NA	NA	NA	X A	NA	NA	2.52E-
7.54E-10	7.54E-10 NA	2.186-15	Y.	N.	YA:	NA:	NA:	NA.	2.18E-
4,08E-17 1.48E-19 7.08E-19 7.08E-19 2.44E-24 1.01E-19 7.88E-14 3.88E-14 3.88E-15 5.04E-16 2.79E-17 7.88E-16 9.71E-19 2.66E-16 4.98E-11 1.05E-08 9.55E-18 1.01E-12 7.96E-20 3.44E-13 6.78E-18 9.41E-19 1.07E-22 1.37E-19 1.07E-25 4.68E-20 2.00E-17 1.91E-18 1.88E-21 2.41E-22 4.05E-19 0.00E+00 1.38E-19 1.06E-15 1.96E-15 1.09E-15 1.22E-20 2.04E-21 5.01E-17 0.00E+00 1.38E-19 1.38E-19 1.27E-17 2.25E-15 1.09E-15 1.22E-20 2.04E-21 5.01E-17 0.00E+00 1.71E-17 2.25E-15 1.09E-15 6.34E-20 5.75E-21 4.55E-17 6.13E-23 1.55E-17 1.27E-17 2.49E-09 3.01E-18 5.10E-19 3.18E-13 2.52E-20 1.08E-13 1.60E-14 1.16E-12 3.13E-17 2.84E-14 7.72E-18 9.66E-15 1.06E-15 1.06E-14 1.16E-12 3.13E-17 2.87E-15 0.00E+00 1.10E-16 6.38E-14 5.62E-15 3.28E-17 2.87E-19 4.40E-16 6.38E-14 5.62E-15 3.28E-17 2.87E-19 4.20E-16 6.38E-14 5.62E-15 3.28E-17 2.87E-19 0.00E+00 1.10E-16 6.38E-14 5.62E-15 3.28E-17 2.87E-19 4.40E-16 6.38E-14 5.62E-15 3.28E-17 2.87E-19 4.20E-16 6.38E-14 5.62E-15 3.28E-17 2.87E-18 9.58E-16 6.46E-16 6.38E-14 6.56E-15 3.28E-17 2.87E-19 4.40E-16 6.38E-14 5.62E-15 3.28E-17 2.87E-19 4.20E-16 6.38E-14 5.62E-15 3.28E-17 2.87E-19 4.20E-16 6.38E-14 5.62E-15 3.28E-17 2.87E-19 4.40E-16 6.38E-14 5.62E-15 3.28E-17 2.87E-18 9.68E-16 6.38E-14 5.62E-15 3.28E-17 2.87E-19 4.40E-16 6.38E-14 5.60E-15 3.28E-17 2.87E-18 9.68E-16 6.38E-14 5.60E-15 3.28E-17 2.87E-18 9.68E-16 6.38E-14 5.60E-15 3.28E-17 2.87E-19 6.18E-13 2.37E-19 4.40E-16 6.38E-14 5.60E-15 3.28E-17 2.87E-18 9.68E-16 6.38E-14 6.60E-15 3.28E-17 2.87E-19 6.46E-15 6.4	4.01E-15 1.44E-19 7.030E-19 7.03E-20 2.93E-19 2.44E-24 4.01E-15 3.85E-14 3.85E-15 5.04E-16 2.79E-17 7.81E-16 9.71E-19 4.08E-11 1.05E-08 9.55E-18 1.62E-18 1.01E-12 7.96E-20 5.78E-11 1.05E-08 9.55E-18 1.05E-18 1.01E-12 7.96E-20 5.00E-17 1.91E-18 1.88E-21 2.41E-22 4.05E-19 1.07E-25 4.05E-19 1.07E-25 4.05E-19 1.07E-25 4.05E-19 1.07E-25 4.05E-19 1.00E+00 1.96E-15 1.09E-15 1.22E-20 2.04E-21 5.01E-17 0.00E+00 1.07E-15 1.09E-15 1.09E-15 5.10E-19 5.10E-17 5.01E-17 0.00E+00 1.07E-18 1.09E-15 2.05E-17 5.01E-17 5.01E-17 0.00E+00 1.00E+00 1.00E-14 1.05E-14 4.35E-17 3.06E-18 1.29E-17 3.24E-16 0.00E+00 1.00E+00 1.20E-15 3.13E-13 3.20E-19 5.37E-19 5.	1 7.45-17	AN L			A L		Z Z	7.54E-
3.86E-14 3.85E-15 5.04E-16 2.78E-17 7.81E-16 9.7E-19 2.66E-16 4.98E-11 1.05E-08 9.55E-18 1.62E-18 1.01E-12 7.96E-20 3.44E-19 6.78E-18 9.41E-19 1.19E-21 1.35E-22 1.37E-19 1.07E-25 4.68E-20 2.00E-17 1.91E-18 1.88E-21 2.41E-22 4.05E-19 0.00E+00 1.38E-19 1.96E-15 NA	3.86E-14 3.85E-15 5.04E-16 2.79E-17 7.81E-19 7.1E-19 4.98E-11 1.05E-08 9.55E-18 1.65E-18 1.01E-12 7.96E-20 6.78E-18 9.41E-19 1.19E-21 1.33E-22 1.37E-19 1.07E-25 2.00E-17 1.91E-18 1.88E-21 2.41E-22 4.05E-19 0.00E+00 1.96E-15 NA	7, 015-15	- C4E			. 725.			1.40E-
4.98E-11 1.05E-08 9.55E-18 1.05E-19 7.96E-20 3.44E-19 5.06E-18 1.05E-19 1.07E-25 4.68E-20 5.00E-17 1.91E-19 1.19E-21 1.33E-22 1.37E-19 1.07E-25 4.68E-20 2.00E-17 1.91E-18 1.88E-21 2.41E-22 4.05E-19 0.00E+00 1.38E-19 1.96E-15 NA	4.98E-11 1.05E-08 9.55E-18 1.62E-18 1.01E-12 7.96E-20 6.78E-18 9.41E-19 1.19E-21 1.33E-22 1.37E-19 1.07E-25 2.00E-17 1.91E-18 1.88E-21 2.41E-22 4.05E-19 0.00E+00 1.96E-15 NA	3 86F-14	7 85E-15	5 0/E-16	2 70E-17	AAR.	0 71E-10	2 KKE-1K	- 10.4
6.78E-18 9.41E-19 1.19E-21 1.33E-22 1.37E-19 1.07E-25 4.68E-20 2.00E-17 1.91E-18 1.88E-21 2.41E-22 4.05E-19 0.00E+00 1.38E-19 1.96E-15 NA	6.78E-18 9.41E-19 1.19E-21 1.33E-22 1.37E-19 1.07E-25 2.00E-17 1.91E-18 1.88E-21 2.41E-22 4.05E-19 0.00E+00 1.96E-15 NA	4.98E-11	1.05F-08	9.55F-18	1.62F-18	9 6	7 96F-20	3 44F-13	1 06E-
2.00E-17 1.91E-18 1.88E-21 2.41E-22 4.05E-19 0.00E+00 1.38E-19 1.96E-15 NA	2.00E-17 1.91E-18 1.88E-21 2.41E-22 4.05E-19 0.00E+00 1.96E-15 NA	6.78E-18	9.41E-19	1.19F-21	1.33F-22	37F-	1.07F-25	4. 68F-20	7 91F-
1.96E-15 NA	1.96E-15 NA	2.00E-17	1.91E-18	1.88E-21	2.41F-22	05F-	0.00F+00	385	2.25F
1.18E-13 NA NA NA NA NA NA NA 2.47E-15 8.02E-15 1.22E-20 2.04E-21 5.01E-17 0.00E+00 1.71E-17 2.47E-15 8.02E-15 6.34E-20 9.75E-21 4.55E-17 6.13E-23 1.55E-17 1.55E-17 2.49E-09 3.01E-18 5.10E-19 3.18E-13 2.52E-20 1.08E-13 2.65E-16 4.22E-17 5.02E-20 5.51E-21 5.36E-18 3.35E-19 1.83E-18 1.40E-12 2.23E-13 2.66E-15 2.92E-17 2.84E-14 7.72E-18 9.66E-15 1.60E-14 1.16E-12 3.13E-20 5.29E-17 3.24E-14 0.00E+00 1.10E-14 6.38E-14 5.62E-15 3.28E-17 2.87E-18 1.29E-15 2.37E-19 4.40E-14 6.38E-14 5.62E-15 3.28E-14 1.29E-15 2.37E-19 4.40E-14	1.18E-13 NA NA NA NA 2.47E-15 8.02E-15 1.22E-20 2.04E-21 5.01E-17 0.00E+00 2.25E-15 1.09E-15 6.34E-20 9.75E-21 4.5FE-17 6.13E-23 1.57E-11 2.49E-09 3.01E-18 5.10E-19 3.18E-13 2.52E-20 2.65E-16 4.22E-17 5.02E-20 5.51E-21 5.36E-18 3.35E-19 1.40E-12 2.32E-13 2.66E-16 2.92E-17 2.84E-14 7.72E-18 1.60E-14 1.16E-12 3.13E-20 5.29E-21 3.24E-16 0.00E+00 6.38E-14 1.05E-14 4.36E-17 2.87E-18 1.29E-15 2.37E-19 1.28E-13 3.00E-15 1.43E-14 7.21E-16 2.59E-15 3.17E-19 18	1.96E-15	NA		NA N	NA	NA	AN	1.06
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2.25E-15 1.09E-15 6.34E-20 9.75E-21 4.55E-17 6.13E-23 1.55E-17 1.57E-11 2.49E-09 3.01E-18 5.10E-19 3.18E-13 2.52E-20 1.08E-13 2.65E-16 4.22E-17 5.02E-20 5.51E-21 5.36E-18 3.35E-19 1.83E-18 1.40E-12 2.23E-17 5.02E-17 2.84E-14 7.72E-18 9.66E-15 1.60E-14 1.16E-12 3.13E-20 5.29E-17 3.24E-16 0.00E+00 1.10E-16 6.38E-14 1.05E-14 4.36E-17 2.87E-18 1.29E-15 2.37E-19 4.40E-16 6.38E-14 5.62E-15 3.28E-17 2.87E-18 1.29E-15 2.37E-19 4.40E-16	2.25f-15 1.09e-15 6.34e-20 9.75f-21 4.5f-17 6.13e-23 1.57f-11 2.49e-09 3.01e-18 5.10e-19 3.18f-13 2.52e-20 2.65e-16 4.22e-17 5.02e-20 5.51f-21 5.36f-18 3.35f-19 1.40e-12 2.23f-13 2.66f-16 2.92e-17 2.84e-14 7.72e-18 1.60e-14 1.16f-12 3.13e-20 5.29e-17 3.24f-16 0.00e+00 1.60e-14 1.05f-14 4.36f-17 3.60f-18 1.29f-15 2.37f-19 6.38f-14 5.62e-15 3.28f-17 2.87f-18 2.59f-15 3.17f-19 8.317f-19	2 47F-15	A 02E-15	225.	2 0/15-21	F 01E-17	0 005400		100
1.57E-11 2.49E-09 3.01E-18 5.10E-19 3.18E-13 2.52E-20 1.08E-13 2.65E-16 4.22E-17 5.02E-20 5.51E-21 5.36E-18 3.35E-19 1.83E-18 1.40E-12 2.23E-17 5.06E-16 2.92E-17 2.84E-14 7.72E-18 9.66E-15 1.60E-14 1.16E-12 3.13E-20 5.29E-21 3.24E-16 0.00E+00 1.10E-16 6.38E-14 1.05E-14 4.36E-17 2.87E-18 1.29E-15 2.37E-19 4.40E-16 6.38E-14 5.62E-15 3.28E-17 2.87E-18 1.29E-15 2.37E-19 4.40E-16	1.57E-11 2.49E-09 3.01E-18 5.10E-19 3.18E-13 2.52E-20 2.65E-16 4.22E-17 5.02E-20 5.51E-21 5.36E-18 3.35E-19 1.40E-12 2.23E-17 5.02E-17 2.92E-17 2.94E-14 7.72E-18 1.60E-14 1.16E-12 3.13E-20 5.29E-21 3.24E-14 0.00E+00 1.60E-14 1.05E-14 4.36E-17 3.60E-18 1.29E-15 2.37E-19 6.38E-14 5.62E-15 3.28E-17 2.87E-18 1.29E-15 3.17E-19 8.317E-19 8.	2,255-15	1 00F-15	372	75.	7. 555.17	6 13E-23		200E
2.65E-16 4.22E-17 5.02E-20 5.51E-21 5.36E-18 3.35E-19 1.83E-18 1.40E-12 2.23E-13 2.66E-16 2.92E-17 2.84E-14 7.72E-18 9.66E-15 1.60E-14 1.16E-12 3.13E-20 5.29E-21 3.24E-16 0.00E+00 1.10E-16 6.38E-14 1.05E-14 4.36E-17 3.60E-18 1.29E-15 2.37E-19 4.40E-16 6.38E-14 5.62E-15 3.28E-17 2.87E-18 1.29E-15 9.18F-20 4.40E-16	2.65E-16 4.22E-17 5.02E-20 5.51E-21 5.36E-18 3.35E-19 1.40E-12 2.23E-13 2.66E-16 2.92E-17 2.84E-14 7.72E-18 1.60E-14 1.16E-12 3.13E-20 5.29E-21 3.24E-14 7.72E-18 5.38E-14 1.05E-14 4.36E-17 3.60E-18 1.29E-15 2.37E-19 6.38E-14 5.62E-15 3.28E-17 7.21E-16 2.59E-15 3.17E-19 8	1.57F-11	5 40E-00	110	5 10E-10	7 18E-17	2 525.20	08E-1	2.40
1.40E-12 2.23E-13 2.66E-16 2.92E-17 2.84E-14 7.72E-18 9.66E-15 1.60E-14 1.16E-12 3.13E-20 5.29E-21 3.24E-16 0.00E+00 1.10E-16 6.38E-14 1.05E-15 3.28E-17 2.87E-18 1.29E-15 9.18F-20 4.40E-16 6.38E-14 5.22E-15 3.28E-17 2.87E-18 1.29E-15 9.18F-20 4.40E-16	1.40E-12 2.23E-13 2.66E-16 2.92E-17 2.84E-14 7.72E-18 5.16E-12 3.13E-20 5.29E-21 3.24E-16 0.00E+00 1.60E-14 1.05E-14 4.36E-17 3.60E-18 1.29E-15 2.37E-19 4.36E-13 3.00E-15 1.43E-14 7.21E-18 2.59E-15 3.17E-19 8.36E-13 3.00E-15 1.43E-14 7.21E-16 2.59E-15 3.17E-19 8.36E-14 7.21E-16 7.30E-15 3.17E-19 8.36E-14 7.21E-16 7.30E-15 7.3	2 65F-16	4 22E-17	25.	S 51E-21	5 265-18	2 255.10	825.1	2 15E
1.40E-14 1.16E-12 3.13E-20 5.29E-21 3.24E-16 0.00E+00 1.10E-16 1.00E-14 1.05E-14 4.36E-17 3.60E-18 1.29E-15 2.37E-19 4.40E-16 6.38E-14 5.62E-15 3.28E-17 2.87E-18 1.29E-15 9.18E-20 4.40E-16	6.38E-14 1.05E-15 3.00E-17 3.60E-18 1.29E-15 0.00E+10 1.28E-15 3.00E-15 1.28E-15 3.00E-15 1.43E-14 7.21E-16 2.59E-15 3.17E-19 1.20E-15 3.1	1 VOE-12	2 225-12	446	2 025-17	2 8/E-1/	7 725-18	446-1	301.0
6.38E-14 1.05E-14 4.36E-17 3.60E-18 1.29E-15 2.37E-19 4.40E-16 6.38E-14 5.62E-15 3.28E-17 2.87E-18 1.29E-15 9.18E-20 4.40E-16	6.38E-14 1.05E-14 4.36E-17 3.60E-18 1.29E-15 2.37E-19 4 6.38E-14 5.62E-15 3.28E-17 2.87E-18 1.29E-15 9.18E-20 4 1.28E-13 3.00E-15 1.43E-14 7.21E-16 2.59E-15 3.17E-19 8	1.60E-14	1.16E-12	13E-	5.29E-21	3.24E-16	0-00E+00	.10E-1	1.17E
6.38E-14 1.05E-14 4.36E-17 3.60E-18 1.29E-15 2.37E-19 4.40E-16 6.38E-14 5.62E-15 3.28E-17 2.87E-18 1.29E-15 9.18E-20 4.40E-16	6.38E-14 1.05E-14 4.36E-17 3.60E-18 1.29E-15 2.37E-19 4 6.38E-14 5.62E-15 3.28E-17 2.87E-18 1.29E-15 9.18E-20 4 1.28E-13 3.00E-15 1.43E-14 7.21E-16 2.59E-15 3.17E-19 8								
6.38e-14 5.62e-15 3.28e-17 2.87e-18 1.29e-15 9.18e-20 4.40e-16	6.38E-14 5.62E-15 3.28E-17 2.87E-18 1.29E-15 9.18E-20 4 1.28E-13 3.00E-15 1.43E-14 7.21E-16 2.59E-15 3.17E-19 8	6.38E-14	1.05E-14	4.36E-17	3.60E-18	1.29E-15	2.37E-19	4.40E-16	7.60E-
	1.28E-13 3.00E-15 1.43E-14 7.21E-16 2.59E-15 3.17E-19 8	6.38E-14	5.62E-15	3.28E-17	2.87E-18	1,29E-15	9.18E-20	4-40E-16	7.11E-14
Benzo(a)pyrene			χρ η η η η η η η η η η η η η η η η η η η	EXPOSURE (mg/Kg/day) (mg/Kg/da	EXPOSURE (Mg/Kg/day) (mg/Kg/da	EXPOSURE (Mg/Kg/day) (mg/Kg/da	EXPOSURE EXP	Sectoral Exposure Exposure Exposure Exposure (mg/kg/day) (mg/kg/kg/day) (mg/kg/kg/day) (mg/kg/kg/day) (mg/kg/kg/kg/kg/kg/kg/kg/kg/kg/kg/kg/kg/kg	EXPOSURE EXPOSSIRE EXPOSSIRE EXPOSSIRE (mg/Kg/day) (mg/Kg/gay) (mg

wsene enzo(a,h)anthracene loranthene loranthrene ene lorobenzene l	Table 1	2	ပ	AX TABLE 5	ΑĄ	AZ	BA	9	28	0	u a
Transcription of the control of the	The standard control of the st		Chrysene	1.28E-14	7.04E-16	3.42E-16	1.81E-17	59E-	01E-	8.82E-17	1.42E-14
antithrene 1.28E-14 1.28E-16 5.56E-70 8.82E-16 5.60E-70 8.82E-16 1.28E-16 1.28E-16 1.28E-16 1.28E-16 1.28E-16 1.28E-16 1.28E-16 1.28E-17 2.59E-16 8.82E-16 1.28E-17 2.59E-18 1.28E-18 1.28E-18 1.28E-18 1.28E-18 1.28E-19 1.28E-18 1.28E-19 1.28E-18 1.28E-19 1.28E-18 1.28E-19 1.28E-19 1.28E-18 1.28E-19 1.28E-18 1.28E-19 1.28E-18 1.28E-19 1	The containent of the containe		Dibenzo(a,h)anthracene	1.28E-13	3.45E-15	1.72E-14	8.61E-16	36-	-79E-	8.82E-16	1.53E-13
To be seed	The continue of the continue o		Fluoranthene	1.28E-13	1.13E-14	9.62E-16	5.56E-17	39E-	AN	8.82E-16	-44E-
anothrene 2.56E-17 4.09E-17 0.03E-19 0.33E-21 1.01E-18 2.52E-19 1.76E-19 1.00E-16 1.	and three controls of the control of		Fluorene	1.28E-14	1.35E-15	1.61E-17	1.18E-18	39E-	6.60E-20	8.82E-17	-45E-
1766-15 1766	ion 3.1Ee-14 1.76e-15 1.03E-16 5.42E-19 7.76e-15 2.19E-10 1.00E-16 2.19E-10 1.22E-21 5.19E-10 1.76E-15 2.19E-10 1.76E-15 2.19E-10 1.76E-15 2.19E-10 1.76E-16 2.19E-10 1.76E-16 2.19E-10 1.76E-16 2.19E-10 1.76E-19 2.19E-10 1.76E-10		Phenanthrene	4.98E-17	4.09E-18	9.29E-20	6.38E-21	J1E-	2.27E-19	3.44E-19	.56E-
ion 3.1TE-17 2.93E-18 1.33E-20 1.22E-21 6.42E-19 7.17E-25 2.19E-19 in the corporation of	ion oberace 3.77-17 2.93E-18 1.33E-20 1.22E-21 6.42E-19 7.17E-25 2.19E-19 7.17E-25 1.9E-19 NA 1.000 ug.mg 2.51E-16 2.66E-16 4.19E-21 5.18E-18 3.18E-16 NA 1.75E-16 1.05E-16 2.51E-16 2.66E-16 4.19E-21 5.18E-18 NA 1.75E-29 1.09E-16 2.51E-16 2.66E-16 4.19E-21 5.19E-18 NA 1.75E-16 2.51E-16 2.66E-16 4.19E-21 5.09E-19 NA 1.75E-19 2.70E-15 2.9E-18 7.03E-19 7.03E-19 1.56E-16 2.70E-16 NA		Pyrene	2.56E-13	2.14E-14	1.76E-15	1.03E-16	18E-	3.62E-18	1.76E-15	.86E-
1.09E-16 1.57E-14 2.74E-15 8.69E-17 5.18E-16 NA 1.09E-16 1.77E-18 1.77	1000-1000-1000-1000-1000-1000-1000-100		Parathion	3.17E-17	2.93E-18	1.33E-20	1.22E-21	42E-	7.17E-25	2.19E-19	.55E-
The control of the co	2.51E-16 2.66E-16 4.19E-21 6.73E-22 5.09E-18 MA 1.73E-18 Fine 1.40E-12 MA 1.73E-18 Fine 1.40E-12 MA 1.73E-18 Fine 1.40E-12 MA 1.73E-18 Fine 1.40E-12 MA 1.40E-14 MA 1.40E-14 MA 1.40E-15 MA 1.40E-16 MA 1.40E-17 M		Pentachlorobenzene	1.57E-14	2.74E-15	8.69E-17	5.18E-18	- BE-	AN	1.08E-16	-90E-
1,40E-12	1,46E-16 1,46E-17 1,43E-16 1,43E-16 1,43E-17		Phenol	2.51E-16	2.66E-16	4.19E-21	6.73E-22	36C	A.	1.73E-18	-24E-
inconcepted 7.72E-14 5.37E-15 4.51E-19 6.86E-20 2.92E-16 1.43E-20 9.94E-17 1.10E-16 NA 5.33E-17 1.10E-16 NA 5.33E-17 1.10E-16 NA 1.20E-16 NA 5.33E-17 1.10E-16 NA 1.20E-16 NA 1.20E-16 NA 1.20E-16 NA 1.20E-17 1.20E-16 NA 1.20E-17	1,4/E-14 5.3/E-15 4.5/E-19 6.86E-20 2.92E-16 1.43E-20 9.94E-17 1,0/E-16 2.94E-15 2.94E-15 1.56E-16 1.43E-20 9.94E-17 1,0/E-16 2.94E-15 2.94E-15 1.56E-16 1.43E-20 9.94E-17 1,0/E-16 2.94E-15 2.94E-15 1.56E-16 1.43E-20 9.94E-17 2,0/E-16 2.94E-15 2.94E-15 1.96E-19 1.56E-16 1.43E-10 2.70E-17 3,0/E-15 2.43E-16 2.25E-18 1.96E-19 1.26E-10 2.70E-17 4,0/E-16 1.65E-16 1.96E-17 3.16E-22 2.54E-18 1.26E-15 1.26E-15 1,0/E-16 1.66E-15 1.96E-17 1.96E-17 1.96E-15 1.96E-15 1.96E-15 1,0/E-16 1.66E-16 1.43E-14 1.96E-17 1.96E-15 1.96E-15 1.96E-15 1,0/E-16 1.43E-14 1.96E-17 1.96E-17 1.96E-17 1.96E-17 1,0/E-16 1.96E-17 3.16E-17 3.16E-17 1.96E-15 1.96E-15 1.96E-15 1,0/E-16 1.96E-17 1.96E-17 1.96E-15 1.96E-15 1.96E-15 1,0/E-16 1.43E-14 1.46E-15 1.96E-15 1.96E-15 1.96E-15 1.96E-15 1.96E-15 1,0/E-16 1.43E-14 1.46E-15 1.96E-15 1.96E		Pyridine	1.40E-12	AN	AN	NA	A	A	NA	40F
1000 moderate	Continue		Quinoline	1.44E-14	37		-39E	92E-	43E-	-376	0
1,000 cethene	1.59E-16 NA		Tetrachlorobenzene	7.72E-15	946		03E-	-56E-	4	33E-	0
4.30E-15 2.43E-16 2.25E-18 1.93E-17 2.17E-20 2.70E-17 2.00E-17 2.0	acetate 3.9E-15 Ni		Tetrachloroethene	2.70E-16	2		×	NA	NA.	AN	70F
orobenzene 3.91E-15 2.43E-16 2.25E-18 1.93E-17 2.17E-20 2.70E-17 orobenzene 2.88E-15 NA	3-91E-15 2-43E-16 2-25E-18 1-93E-17 2-17E-20 2-70E-17 2-10E-17 2-10E-17 2-17E-20 2-70E-17 2-10E-17 2-17E-20 2-70E-17 2-17E-20 2-70E-17 2-17E-20 2-70E-17 2-17E-20 2-70E-17 2-17E-20 2-70E-17 2-7		Toluene	4.30E-15	A Z	Z.	A.	NA	NA	Ą	30F
Totally hydrazine 2.88E-15 NA	Totally hydrazine 2.88E-15 NA		Trichlorobenzene	3.91E-15	43E-	2.25E-18	1.93E-19	-92E-	17E-	70E-1	26F
dimethyl hydrazine 6.20E-11 5.76E-09 2.25E-17 3.81E-18 1.25E-12 9.92E-20 4.27E-13 1.25E-16 5.68E-17 1.96E-21 3.16E-22 2.54E-18 4.78E-25 8.64E-19 1.25E-16 1.25E-15 NA	dimethyl hydrazine 6.20E-11 5.76E-09 2.25E-17 3.81E-18 1.25E-12 9.92E-20 4.27E-13 1.25E-16 5.68E-17 1.96E-21 3.16E-22 2.54E-18 4.78E-25 8.64E-19 1.78E-15 NA		Trichloroethene	2.88E-15	A	AN	NA	NA	N	N AN	RAF
1.25E-16 5.68E-17 1.96E-21 3.16E-22 2.54E-18 4.78E-25 8.64E-19 1.78E-15 NA	acetate 1.25E-16 5.68E-17 1.96E-21 3.16E-22 2.54E-18 4.78E-25 8.64E-19 1.65E-15 NA		Unsvm. dimethyl hydrazine	6.20F-11	76F	2 25E-17	815	25.	02F	27E	AZE.
acetate 1.78E-15 NA	acetate 1.78E-15 NA		Vapona	1.25F-16	68	1 OKF-21	14	-475	78F-	AKE-	86.
s (total) 1.69E-12 3.07E-16 NA NA NA NA NA NA NA NA NA N	s (total) 1.65E-15 NA		Vinvl acetate	1 78F-15	A	NA	2	MA	NA	N	
S (total) 3.07E-16 NA	s (total) 3.07e-16 1.69e-12 3.31e-14 5.24e-14 3.31e-16 3.42e-14 8.82e-19 1.98e-15 1.69e-15 1.69e-15 3.04e-16 1.98e-16 1.98e		Vinvi chtoride	1.651.15	2	V N	NA.	NA.		4	
1.69E-12 3.31E-14 6.24E-14 3.31E-16 3.42E-14 9.84E-15 1.16E-15 1 9.79E-15 3.04E-16 7.33E-17 8.82E-19 1.98E-16 NA 6.75E-18 1.53E-14 NA	1.69E-12 3.31E-14 6.24E-14 3.31E-16 3.42E-14 9.84E-15 1.16E-15 1 9.79E-15 3.04E-16 7.33E-17 8.82E-19 1.98E-16 NA		Xylenes (total)	3.07E-16	Š	X X	N N	NA.	Ä	Ž	
1.69E-12 3.31E-14 6.24E-14 3.31E-16 3.42E-14 9.84E-15 1.16E-15 1.16E-15 1.16E-15 1.34E-14 9.79E-15 3.04E-16 7.33E-17 8.82E-19 1.98E-16 NA	1.69E-12 3.31E-14 6.24E-14 3.31E-16 3.42E-14 9.84E-15 1.16E-15 1.16E-15 1.98E-16 NA		32178930								
m (III)	111) 102-12 3.31E-14 0.24E-14 3.31E-10 3.42E-14 9.48E-15 1.0EE-15 1.0EE-16 1.0EE-16 1.0EE-16 1.0EE-16 1.0EE-16 1.0EE-16 1.0EE-16 1.0EE-15	•	STATE OF THE STATE	27 107 7	1	,	1		1	,	-
m (III) 4.74E-15 5.04E-16 6.88EE-19 1.98E-16 NA	m (III) 4.34E-15 5.04E-16 7.55E-17 1.98E-15 NA		No della	1.09E-12	110	- 24E-	-31E-	4.4E	- 84E-	9	1.85E-12
## NA	## (VII) ## (VIII) ## (VII			V- /9E-13	-045	. 55E-	- 8ZE-	38.	Z.	(2E-	1.04E-14
1.53E-15 NA NA NA NA 1.20E-15 NA NA 1.55E-14 NA	1.53E-15 NA NA NA 1.20E-15 NA 6.52E-14 NA NA 1.20E-15 NA 6.53E-14 NA			4.346.4	AN.	¥.	Z.	Y.	AN :	A :	4.54E-14
6.42E-14 NA NA NA 1.20E-15 NA 6.42E-14 NA	6.42E-14 NA NA NA 1.20E-15 NA 1.56E-09 NA			1.535-15	AN.	¥:	Y :	ď.		A .	1.53E-15
1.56E-09 NA	1.56E-09 NA		copper	6.42E-14	AN	¥2	¥.	Y.	20E-	AN	6.54E-14
6.33E-14 NA	6.33E-14 NA NA NA NA NA NA NA 6.33E-14 C.24E-15 2.04E-16 3.26E-15 1.28E-15 NA 4.37E-17 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		Lron	1.56E-09	A.	AX	AN	¥×	¥.	AN	1.56E-09
6.33E-14 2.24E-15 2.04E-16 3.26E-15 1.28E-15 NA 4.37E-17 7 7 1.92E-13 NA	6.33E-14 2.24E-15 2.04E-16 3.26E-15 1.28E-15 NA 4.37E-17 7 7 7 1.92E-13 NA		Lead	6.33E-14	AN	NA.	N N		X.	X	6.33E-14
1.92E-13 NA	1.92E-13 NA		Mercury	6.33E-14	.24E-1	.04E-	.26E-	28E-	NA	.37E-	7.03E-14
8.76E-16 NA NA NA NA NA NA NA S.03E-15 NA	8.76E-16 NA NA NA NA NA NA S.03E-15 NA S.0		Selenium	1.92E-13	NA	NA	NA	NA	N.	NA	1.92E-13
5.03E-13 NA NA A 4.58E-15 NA 5 br 10.M3/day bw 15.5 Kg um 1000 ug/mg	5.03E-13 NA NA A.58E-15 NA 5.03E-15 NA 5.58E-15 NA 5.5		Silver	8.76E-16	NA A	AN	AN AN	A.	AN AN	AN	8.76E-16
15.5 1000	br by mu		Zinc	5.03E-13	NA	NA	AN	NA	.58E-	NA	5.07E-13
15.5 15.5	br Wd mu mu										
15.5	MG Sold			ŗ		, July,					
1000				<u>.</u>		o/day					
0001	1 00 00 00 00 00 00 00 00 00 00 00 00 00										
	40,40			5		6111/6					
	a ason normal			Inhalation dose	11	1/uama					

BASE CASE			ORGANICS	Acetone	Acetonitrile	Acrylonitrile	Aniline	Atrazine	Benzaldehyde	Benzene	Benzofuran	Benzonitaile	Benzothiazole	Biphenyl	Bis(2-ethylhexyl)phthalate	Carbazole	Carbon letrachioride	Chlorobenzene	4-Chlorobiphenyl	4,4-Chlorobiphenyl	Chloroform	Dibenzofuran	Dichlorobenzenes (total)	1,1-Dichloroethane	1,2-Dichloroet	1,1-Dichloroethene	1,2-Dichloropropage	Dieldrin	Dimethyldisulfide	Hexachlorobenzene	Lindane	Malathion	Methyl chloride	Methylene chloride	Metnyl ethyl ketone 4-Methylphenol	4 Menomethyl hydrazine	Naphthalene	Naphthalene carbonitrile	n-Nitrosodimethylamine PAHs	Acenaphthalene	Acenaphthene Benzo(a)pyrene
	18- Jun-91	RES-B													(yl)phthalate		loride	<u>n</u>	ıyı	enyl			es (total)	openzene hane	hane	hene	hene		ide	ene			o.	ride	etone	razine		rbonitrile	nylamine	She	
TABLE 6 INFANT TOTAL		(ilig/kg/day)		3.70E-15		1.43E-12					4.17E-13	4.20E-14	7.1/E-15	4.20F-13	2.31E-16	1.88E-15	5.47E-15	1.08E-16	2.66E-16	1.34E-17	9.52E-15	8.38E-15	1.08E-15	3.00F-15	9.64E-16	1.65E-15	1.43E-15			2.52E-14				-	.62E-1	1.4/E-15		9.17E-13	-	4-17F-14	4. 17E-14 8. 38F-14
EXPOSURE	BREAST MILK	(mg/kg/day)		6.43E-17	7.93E-11	4.40E-15	4.34E-1/	3 62F-15	3,13E-13	1.25E-18	1.30E-12	1.37E-13	1 225-12	7 20F-15	6.95E-15	5.45E-15	9.49E-17	5.4/E-16	7.14E-16	3.56E-17	3.47E-14	2.31E-14	1.87E-17	1.18E-18 5.36E-17	5.81E-15	2.87E-17	2.48E-17	3.25E-16	4.56E-17	1.62E-14	1 315-17	3.63F-17	2.22E-17	1.34E-15	2.05E-14	2.99E-15	5.26E-16	2.78E-12	2.77E-12	28F-1	1.16E-13
8	TOTAL	(mg/kg/day)		3.77E-15	8.27E-11	1.43E-12	4.805-17	4 70F-15	3.98E-13	1.08E-15	1.72E-12	1.79E-13	1 425-15	4 28F-13	7.18E-15	7.33E-15	5.56E-15	4.55E-16	9.80E-16	4.90E-17	4.43E-14	3.14E-14	1.10E-15	6.93E-17	6.78E-15	1.68E-15	1.45E-15	3.35F-16	2.67E-15	4.15E-14	2.05E-08	71-376.7	1.30E-15	.86E	2.22E-14	405	0	3.69E-12	.78E	1 70F-13	1.58E-13

Chrysel 61 Chrysel 63 Fluorel 64 Fluorel 65 Phenan 66 Parathion 68 Pentachlor 69 Phenol 70 Pyridine 71 Quinoline 77 Tetrachlor 73 Tetrachlor 74 Toluene 75 Trichlorol 76 Trichlorol 77 Vinyl ace 80 Vinyl ace 81 Xylenes (1881 82 Arsenic	Chrysene Dibenzo(a,h)anthracene Fluoranthene Fluorene Phenanthrene Pyrene Parathion Pentachlorobenzene Phenol Pyridine Quinoline Tetrachlorobenzene Tetrachloroethene Trichlorobenzene Trichloroethene Trichloroethene Vinyl cacetate Vinyl cacetate	1 ABLE 6 8.38E-14 8.38E-14 3.26E-17 1.03E-17 1.03E-16 9.17E-13 9.43E-15 5.05E-15 1.77E-16 1.77E-16 1.88E-15 4.06E-11	2.26e-14 2.34e-13 2.34e-13 2.39e-14 4.66e-17 7.23e-17 7.23e-14 4.42e-15 3.47e-14 3.47e-14 3.47e-14 3.27e-15 1.55e-15 1.55e-15	3.10 3.13 3.13 3.22 6.23 6.23 6.23 6.23 6.23 6.23 6.2
Par Phe Phe Quii Quii Tet Tolu Vin Vin Vin Vin Ars	ysene, berzo(a,h)anthracene lorenthene lorenthrene lorenthrene lion hlorobenzene hlorobenzene orobenzene orobenzene dimethyl hydrazine chloride	8.38E-15 8.38E-14 8.38E-14 1.68E-17 1.65E-16 9.43E-15 5.05E-15 1.77E-16 1.78E-15 4.66E-17	2.27e-14 2.39f-13 2.39f-13 5.39f-14 5.66f-13 7.23f-15 1.59f-14 3.47f-14 3.47f-14 3.07f-18 8.15f-15 1.55f-15	nmmm-0>040-04
Par Phe Phe Pyr Quin Tet Tet Tri Tri Vap Vap Vin Vin Xyl Ars	nenzo(a,h)anthracene lorentene lorene lorene lorene lion lion line line line line line line line lin	8.38E-14 8.38E-14 3.28E-17 1.68E-17 1.03E-17 9.43E-15 9.43E-15 1.77E-16 1.77E-16 1.88E-15	2.27E-13 2.34E-13 2.34E-14 9.06E-17 7.23E-15 9.91E-16 1.59E-15 3.07E-18 8.15E-15 1.55E-15	MMM-0>040-04
INOR		8.38F-14 3.526-17 1.68F-17 1.03E-17 1.03E-14 9.43E-15 9.50E-15 1.77E-16 1.78E-15 1.88E-15 1.66E-17	2.34E-13 2.39E-14 4.66E-13 7.23E-15 7.23E-15 1.59E-14 3.07E-18 8.15E-18 1.55E-15	WW-07040-44
INOR		8.38E-15 3.26E-17 1.08E-13 1.03E-14 9.17E-13 9.43E-15 1.77E-16 2.82E-15 1.88E-15 4.06E-11	2.39E-14 4.66E-13 5.38E-17 7.23E-15 9.91E-16 3.47E-14 4.42E-15 3.07E-18 3.07E-18 1.55E-15	W-0/040-44
INOR		3.26e-17 1.68E-13 1.03E-14 1.03E-16 9.17E-13 9.43E-15 5.05E-15 1.77E-16 2.82E-15 4.06E-11	9.06e-17 5.80e-17 7.23e-15 9.91e-16 1.59e-14 4.42e-15 3.07e-18 8.15e-15 1.55e-15	
INOR		1.68E-13 1.03E-14 1.03E-14 9.17E-13 9.43E-15 5.05E-15 1.77E-16 2.82E-15 4.06E-11	4.66E-13 7.23E-15 9.91E-16 1.59E-14 3.47E-14 3.07E-18 8.15E-18 1.55E-17	0V040-44
INOR		2.07E-17 1.03E-14 1.05E-16 9.43E-13 5.05E-15 2.82E-15 1.77E-16 1.88E-15 4.06E-11	5.80E-17 7.23E-15 9.91E-16 1.59E-14 4.42E-15 3.07E-18 8.15E-18 1.55E-15 3.27E-17	V040-04
INOR		1.03E-14 9.47E-15 9.43E-15 5.05E-15 1.77E-16 2.56E-15 4.06E-11	7.23E-15 9.91E-16 1.59E-14 4.42E-15 3.07E-18 8.15E-15 1.55E-15	040-04
INOR		1.65E-16 9.17E-13 9.43E-15 5.05E-15 1.77E-16 2.56E-15 4.06E-11	9.91E-16 3.47E-14 4.42E-15 3.07E-18 8.15E-18 1.55E-17	-040-04
INOR		9.17E-13 9.43E-15 5.05E-15 1.77E-16 2.82E-15 2.56E-15 4.06E-11	3.47E-14 4.42E-15 3.07E-18 8.15E-18 1.55E-15 1.15E-08	040-04
INOR		9.43E-15 5.05E-15 1.77E-16 2.82E-15 2.56E-15 4.06E-11	3.47E-14 4.42E-15 3.07E-18 8.15E-18 3.27E-17 1.15E-08	40-44
INOR		5.05E-15 1.77E-16 2.82E-15 2.56E-15 1.88E-15 4.06E-11	4.42E-15 3.07E-18 8.15E-18 1.55E-15 3.27E-17	9-44
INOR		1.77E-16 2.82E-15 2.56E-15 1.88E-15 4.06E-11	3.07E-18 8.15E-18 1.55E-15 3.27E-17 1.15E-08	v. 4.
INOR		2.82E-15 2.56E-15 1.88E-15 4.06E-11	8.15E-18 1.55E-15 3.27E-17 1.15E-08	4.
INOR		2.56E-15 1.88E-15 4.06E-11	1.55E-15 3.27E-17 1.15E-08	4
INOR		1.88E-15 4.06E-11	3.27E-17 1.15E-08	•
INOR		4.06E-11	1.15E-08	-
Vapona Vinyl Vinyl Xylene INORGANICS		1000	1	-
Vinyl Vinyl Xylene INORGANICS	acetate chloride	8.20E-17	3.08E-16	M
Vinyl Xylene INORGANICS	chloride	1.16F-15	2.02E-17	181
Xylene INORGANICS Arseni		1.08E-15	1.87E-17	-
INOR	s (total)	2.01E-16	1,16E-19	2.01E
INOR			701	i
	S	1.10E-12	및	1.10E
	=	6.41E-15	및	6.41E
Chromium	Lm (111)	2.84E-14	및	2.84E
Chromium	um (VI)	9.99E-16	및	0
Copper		4.20E-14	및	4.
		1.02E-09	및	1.02E-
90 Lead		4.14E-14	및	4
Mercury	>	4.14E-14	¥	4
	.	1.25E-13	¥	1.25E-
		5.73E-16	및	'n
94 Zinc		3.29E-13	및	M
96				
		ją .		M3/day
		MO	9.UUE+0U Kg	0
		Ę		mg/mg

18-Jun-91	Bactority Action of the properties Bactor and Bac	### PASPE CASE HOTHER'S HILK PATHMAY 18-Jun-91	9	3	TABLE 7	6	Z O	08	<u>a</u>	99	8
18-Jun-91 Noting Parish	18-Lun-91 Autrage Havings Transfer Reseat milk Breast milk	18-Jun-91 Needle Note New Needle		BASE CASE		K PATHWAY					
Accountrile 6.25 FE-15 2.5FE-15 4.09E-01 7.22E-16 7.23E-16 7.44E-17 4.09E-01 7.22E-16 7.23E-16 7.44E-17 4.09E-01 7.05E-17 4.09E-01 7.05E-17 7.09E-01 7.09E-0	Accountrile 2.51E-15 2.51E-15 2.89E-01 7.22E-16 6.43E-17 Accountrile 6.43E-17 4.99E-01 7.22E-16 6.43E-17 Accountrile 7.46E-17 2.99E-01 7.22E-16 6.43E-17 Accountrile 7.46E-17 2.99E-01 7.22E-16 7.23E-16 7.99E-10 7.99E-17 7.99E-16 7.99E-17	Account Action Control Action Control		18-Jun-91 14:39:20 RES-8			TF Breast milk Transfer Factor	Average Breast milk Conc. mg/kg	Maximum Breast milk Conc. mg/kg	Average Estimated Daily Intake	
Accountrile 2.751-19 2.051-19 2.086-10 4.086-10 7.287-10 7.486-10 4.096-11	Accountrile 2.51E-19 2.51E-19 4.09E-01 7.25E-16	Acctonitrile 2.15E-19 2.51E-19 2.51E-19 2.8EF-10 4.72E-16 Acctonitrile 2.4EF-19 2.4EF-11 4.09E-10 4.72E-16 Addrin 1.00E-17 9.64E-13 5.15E-09 4.75E-16 Addrin 1.00E-17 9.64E-13 5.15E-09 4.75E-16 Addrin 1.00E-17 9.64E-13 5.15E-09 4.75E-16 4.70E-10 4.77E-16 4.70E-10 4.77E-16 4.70E-10 4.77E-16 4.70E-10 4.77E-16 4.70E-10 3.50E-13 5.20E-16 5.20E-10 3.20E-16 5.20E-10 3	ORG	ANICS	1		9 (
Activativitie 6.12 1.02 17 1.19 1.10 1.10 1.10 1.10 1.10 1.10 1.10	Adrin	Action time 6.15-11 5.06-13 5.05-10 4.09-10 Action time 7.16-11 5.06-13 5.05-10 Action time 8.10-10 6.05-10 Action time 8.10-10 6.05-10 Action time 8.10-10 6.05-10 6.		Acetone	2.51E-15		N.	7.23E-16			
Adding the control of	Adding the company of	Addring Antique (1.02E-17) (1.02E		Aceylonitaile	0 4/5-12		± u	0.795-10			
### Interaction	Antiline Arrache Benzende Arrache Benzende Arrache Benzende Benzen	Arrazine Arrazine C. 44E-13 1.75E-14 4.09E-01 3.99E-14 8 enzacidned enyde		Aldrin	1 025-17		ń <	4.955-14			
Attractive control of the control of	### Attractive	Attractive Benzadehyde Benzad		Apilipo	2 772-12		•	4.1/E.10			
Benzatielyde Benza	Benzatidelyde Be	Benzaidelyde Benzaide Benzai		A 11 C 11 C	0 755-14		÷ ~	7.99E-12			
Benzorfuran Carle	Benzontening and State 1 and S	Benzonitrile Benzene 7.30E-16 7.30E-16 1.02E-02 1.40E-17 Benzoit Acid Benzonitrile 8.75E-14 0.09E-01 1.43E-17 Benzoit Acid 8.75E-14 0.09E-01 1.43E-17 1.40E-17 1.30E-14 0.09E-01 1.30E-15 0.09E-01 1.30E-01 1.30E-		Donas dobindo	0 727 0		; .	2 ,77 10			
control 3.50E-10 1.30E-10 1.30	contract circle	controlled 3.500-10 1		Denzeno de la	7 202 2		* •	3-45E-12			
conclusion 3.578-14 4.09E-01 1.428-11 1.278-12 1.34E-12 1	controlled 3.57E-14 3.58E-13 4.09E+10 1.54E-11 1.44E-11 1.27E-12 controlled 3.57E-14 3.58E-13 4.09E+10 1.54E-11 1.44E-11 1.44E-11 1.27E-12 controlled 3.57E-14 3.58E-13 4.09E+10 1.54E-14 1.30E-14 1.30E-14 1.30E-14 1.30E-14 1.30E-14 1.30E-14 1.30E-14 1.30E-15 3.60E-17 1.30E-14 1.30E-15 1.30E-15 1.30E-15 1.30E-15 1.30E-15 1.30E-15 1.30E-16 1.30E-17 1.30E-16 1.30E-17 1.30E-	Continuent		aliazinad	7 505 47			1.40E-1/			
Control of the choice	2.00 2.00	conjutrile 3.75E-14 4.09E-01 1.50E-12 3.52E-14 4.09E-01 1.50E-12 3.32E-16 3.39E-16 4.09E-01 1.50E-17 3.52E-14 4.09E-01 1.50E-17 3.22E-16 3.39E-16 4.09E-01 1.36E-14 2.24E-15 2.34E-13 2.39E-01 8.21E-14 2.24E-15 1.50E-15 2.39E-01 8.21E-14 1.00E-01 1		Benzoruran	3.50E-15		+	1.45E-11			
ontification of the state of th	oth fize le 8.75E-13 8.93E-13 4.00E+01 3.56E-14 1.39E-14 1.20E-19 2.84E-13 2.84E-13 2.84E-13 2.84E-13 2.84E-13 2.84E-14 1.36E-14 1.39E-14 1.21E-15 az 0.44E-14 1.30E-14 1.30E-15 1.30E-16 1.30E-17 1.30E-	control tele 8.75E-13 8.93E-16 3.58E-11 control tele 8.75E-16 3.93E-16 3.58E-11 2-eth/lhexyl)phthalate 2.84E-13 2.84E-13 4.09E-01 1.36E-14 2-eth/lhexyl)phthalate 4.24E-16 1.01E-15 4.09E-01 1.07E-14 2-eth/lhexyl)phthalate 4.24E-16 1.01E-15 4.09E-01 1.07E-14 con Tetrachloride 3.70E-15 3.70E-15 2.89E-01 1.07E-16 clorobiphenyl 9.23E-17 4.09E-01 1.07E-15 3.82E-17 Lorobiphenyl 9.25E-18 4.09E-01 7.89E-01 7.89E-01 Lorobenzene 1.75E-16 9.79E-18 4.09E-01 7.89E-01 7.89E-15 crothran 6.20E-15 9.78E-18 4.09E-01 7.89E-15 3.90E-16 crothran 6.20E-15 9.78E-18 4.09E-01 7.89E-15 3.90E-16 doctol corethane 2.20E-15 9.78E-16 4.09E-01 3.78E-16 4.09E-01 3.78E-16 doctol corethane 1.27E-15 1.12E-15		Benzoic Acid	5.6/E-14		4	1.50E-12			
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2.86F-13 2.88F-13 1.0FE-14 6.2FE-14 1.2FE-14 6.2FE-14 1.2FE-14 1.2FE-14 1.2FE-14 1.2FE-15 1.0FE-15 1.0	2.88fe-13 2.88fe-13 2.88fe-13 1.28fe-13 1.28fe-13 2.88fe-13 2.88fe	2.946-13 2.946-13 2.986-01 8.21E-14 2-24ty(lexyl)phthalate 2.946-13 2.946-13 2.989-01 1.746-14 avacole 1.476-15 1.50E-15 4.096-01 1.076-15 toroaniline 9.3.70E-15 3.70E-15 2.89E-01 1.076-15 toroaniline 9.3.70E-15 3.70E-15 2.89E-01 1.076-15 toroaniline 9.32E-18 9.53E-17 4.09E-01 7.85E-15 torobiphenyl 9.36E-16 1.96E-16 4.09E-01 7.85E-15 torotoman 6.20E-15 4.09E-01 7.85E-15 torotoman 6.20E-15 4.09E-01 7.85E-15 torotoman 6.20E-15 4.09E-01 7.85E-15 torotoman 6.20E-15 5.36E-15 4.09E-01 2.54E-13 torotoman 6.20E-15 5.36E-15 4.09E-01 2.54E-13 torotoman 6.20E-15 5.36E-15 4.09E-01 2.54E-13 torotoman 6.20E-15 5.39E-01 2.54E-13 torotoman 6.20E-15 2.09E-15 2.09E-01 3.32E-16 torotomane 7.30E-16 7.30E-16 2.09E-01 3.32E-16 torotomane 7.30E-16 7.30E-16 2.09E-01 3.32E-16 torotomane 7.30E-16 7.09E-17 2.09E-01 3.32E-16 torotomane 7.30E-16 7.09E-17 2.09E-01 3.32E-16 torotomane 7.30E-16 7.09E-17 2.09E-01 7.32E-16 torotomane 7.30E-16 7.09E-17 2.09E-01 3.23E-16 torotomane 7.30E-16 7.09E-01 3.23E-16 torotomane 7.30E-16 7.09E-01 3.20E-17 thyldisulfide 7.32E-18 9.6E-16 2.09E-01 1.78E-13 thyldisulfide 8.67E-16 8.67E-16 2.09E-01 1.78E-17 thyldisulfide 8.67E-16 8.67E-16 2.09E-01 1.4E-16 torotomane 8.67E-16 8.67E-16 7.09E-01 1.4E-16 torotomane 8.67E-16 8.67E-16 7.09E-01 1.4E-16 torotomane 8.67E-16 8.67E-16 7.09E-01 1.4E-16 torotomane 8.67E-16 8.67E-16 8.09E-01 1.4E-16 torotomane 8.67E-16 8.67E-16 8.09E-01 1.4E-16 torotomane 8.66E-16 8.09E-01 1.4E-16 torotomane 8.6		Benzothlazole	5.52E-16		4	1.36E-14			
2-ethylhexyl)phthalate 4.24E-16 1.91E-15 4.09E+01 1.74E-14 7.8E-15 1.50E-15 4.09E+01 1.74E-14 7.8E-15 4.09E+01 1.76E-15 3.70E-15 3.70E-15 4.09E+01 1.76E-15 3.70E-15 3.70E-16 3.70E-15 3.70E-16 3.70E-16 3.70E-16 3.70E-16 3.70E-16 3.70E-16 4.70E-17 3.70E-16 4.70E-17 3.70E-16 3.70E-16<	4.24E-16 1.91E-15 4.00E+01 1.74E-14 7.82E-14 1.55E-15 1.00E-14 6.13E-14 5.33E-17 1.00E-15 1.00E-15 1.00E-15 1.00E-15 1.00E-15 1.00E-16 1.00E-16 1.00E-16 1.00E-16 1.00E-17 5.00E-17 5.0	2-ethylhexyl)phthalate		Biphenyl	2.84E-13		તં	8.21E-14			
1,47F=15 1,50F=15 4,09E+01 6,00E-14 6,13E-14 5,33E-15 1,00e-14 6,13E-14 5,33E-15 1,00e-14 6,13E-14 5,30E-15 1,00e-14 6,13E-15 1,00E-15 1,00E-17 6,00E-17 6	actor 1,47E-15 1,50E-15 4,09E-01 6,00E-14 6,13E-14 6,33E-15 3.32E-15 crobenal line 9,33E-17 9,53E-17 1,09E-10 3.00E-17 5,00E-17	azole acole 1.47E-15 1.50E-15 4.00E+01 6.00E-14 lorobalizate 3.70E-15 3.70E-15 2.89E-01 1.07E-15 lorobalizate 1.75E-16 1.75E-16 2.89E-01 1.07E-15 lorobalizate 1.75E-16 1.75E-16 2.89E-01 1.07E-15 lorobalizate 2.30E-15 2.09E-17 2.89E-01 3.80E-17 lorobalizate (total) 7.30E-16 7.30E-16 4.09E+01 3.89E-15 lorobalizate (total) 7.30E-16 7.30E-16 2.89E-01 3.70E-15 lorobalizate (total) 7.30E-16 7.30E-16 2.89E-01 3.70E-16 7.30E-16 7.30E-17 7.		Bis(2-ethylhexyl)phthalate	4.24E-16		4	1.74E-14			
on Tetrachloride 3.70E-15 3.70E-15 2.88E-01 1.07E-15 1.07E-15 9.45E-17 1.07C-15 1.07	Comparison Com	Lorobiphenyl 3.70E-15 3.70E-15 2.8E-01 1.07E-15 Liorobiphenyl 9.33E-17 9.53E-17 4.09E+01 3.8E-15 Liorobiphenyl 1.92E-16 1.96E-16 4.09E+01 3.8E-17 Liorobiphenyl 9.52E-18 9.79E-18 4.09E+01 3.90E-16 Chlorobiphenyl 9.52E-18 9.79E-18 4.09E+01 3.90E-16 Chlorobiphenyl 9.52E-18 9.79E-18 4.09E+01 3.90E-16 Chlorobiphenyl 9.52E-18 9.79E-18 4.09E+01 3.90E-16 Discollorobenzene 4.0E-17 2.09E-15 2.09E-15 2.09E-16 Lorobenzenes 4.0E-17 2.09E-17 2.09E-17 2.09E-17 Dichlorochane 2.0GE-15 2.09E-17 2.09E-17 2.09E-17 Dichlorochane 2.0GE-15 2.09E-17 2.09E-17 2.09E-16 Dichlorochane 2.0E-15 1.0E-16 2.09E-17 2.09E-16 Dichlorochane 2.0E-15 1.0E-16 2.09E-16 2.09E-16 Dichlorochane		Carbazole	1.47E-15		4	6.00E-14			
1, 252-17 9, 23E-17 4, 09E-10 3, 82E-15 3, 90E-15 2, 20E-16 1, 75E-16 1, 75E-16 2, 89E-01 5, 06E-17 5, 06E-17 2, 0	1,000 1,00	1.75E-16 1.75E-16 2.89E-01 3.82E-15 1.75E-16 1.75E-16 2.89E-01 5.06E-17 1.75E-16 1.75E-16 2.89E-01 5.06E-17 1.75E-16 1.75E-16 4.09E-01 3.82E-15 1.76E-18 9.79E-18 4.09E-01 3.82E-15 2.16E-17 2.89E-01 3.83E-13 3.16E-14 3.16E-14 2.89E-01 3.83E-13 3.16E-14 3.16E-14 2.89E-01 3.83E-13 1.75G-18 3.36E-15 4.09E-01 2.54E-13 1.75G-18 4.09E-01 2.36E-13 1.75G-16 7.30E-16 2.89E-01 2.11E-16 1.76G-15 1.60E-15 2.89E-01 2.11E-16 1.76G-15 1.60E-15 2.89E-01 3.23E-16 1.76G-16 1.76E-15 1.76E-15 1.76E-16 1.76G-16 1.76E-15 1.76E-15 1.76E-16 1.76G-17 1.76E-16 1.76E-16 1.76G-18 1.76E-16 2.89E-01 3.26E-16 1.76G-18 1.78E-15 1.78E-15 1.78E-15 1.76G-18 1.78E-15 1.78E-15 1.76G-18 1.78E-15 1.78E-15 1.78E-15 1.76G-18 1.78E-15 1.78E-15 1.78E-15 1.76G-18 1.76E-16 1.76E-16 1.76E-16 1.76G-18 1.76G-18 1.76E-16 1.76E-16 1.76G-18 1.76G-18 1.76E-16 1.76E-16 1.76G-18 1.76G-18 1.76E-16 1.76E-16 1.76G-18 1.76G-18 1.76G-18 1.76G-18 1.76G-18 1.76G-1		Carbon Tetrachloride	3.70E-15		~	1.07E-15			
1.75E-16 1.75E-16 1.75E-16 2.89E-01 5.06E-17 5.06E-17 6.06E-17 6.06E-17 6.06E-17 6.06E-17 6.06E-17 6.06E-16 6.00E-10 6.00E-16	1.75E-16 1.75E-16 2.89E-01 5.06E-17 5.06E-17 6.50E-16 1.75E-16 1.99E-01 7.88E-15 8.04E-15 6.98E-16 1.99E-01 7.88E-15 8.04E-15 6.98E-16 1.99E-01 7.88E-15 8.04E-16 3.47E-17 7.30E-16 7.30E-17	1.75E-16 1.75E-16 2.89E-01 5.06E-17 1.070biplenyl 1.92E-16 1.96E-16 4.09E-01 3.96E-15 1.070biplenyl 9.52E-18 9.52E-18 4.09E-01 3.90E-16 1.070biplenyl 9.52E-18 9.52E-18 4.09E-01 3.90E-16 1.070bindenzene 9.52E-15 4.09E-01 3.90E-15 2.06E-15 6.34E-15 4.09E-01 3.00E-15 3.14E-14 3.14E-14 2.89E-01 3.00E-15 4.016Incoberace 4.06E-16 2.89E-01 3.33E-14 1.070bindenzene 4.06E-16 2.89E-01 3.23E-16 1.070bindenzene 1.00E-15 2.09E-15 2.89E-01 3.23E-16 1.016Incopetane 1.57E-15 1.06E-15 2.89E-01 3.23E-16 1.016Incopetane 1.05E-15 3.09E-16 3.23E-16 1.016Incopetane 1.05E-15 3.09E-01 3.09E-16 1.016Incopetane 1.03E-16 3.09E-01 3.09E-16 1.016Incopetane 3.00E-16 3.09E-01 3.00E-15 1.016Incopetane 3.00E-16 3.00E-16 3.00E-15 1.016Incopetane 3.00E-16 3.00E-16 3.00E-16 1.016Incopetane 3.00E-16 3.00E-16 3.00E-16 1.016Incopetane 3.00E-16 3.00E-16 3.00E-16 1.016Incopetane 3.00E-16 3.00E-16 3.00E-16 1.016Incopetane 3.00E-16 3.00E-16 3.00E-16 3.00E-16 1.016Incopetane 3.00E-16 3.00E		4-Chloroaniline	9.33E-17		4	3.82E-15			
Chicobipheny 1.92E-16 1.96E-16 4.00E+01 7.85E-15 8.04E-15 6.98E-16 1.96E-16 4.00E+01 3.09E-16 4.00E+16 3.09E-16 3.09E-17 3.09E-16 3.09	Chicapipheny 1,92E-16	1.92E-16 1.96E-16 4.09E+01 7.85E-15 Chlorobiphenyl 9.52E-18 9.77E-18 4.09E+01 7.85E-15 Chlorobiphenyl 9.52E-18 9.77E-18 4.09E+01 3.90E-16 A. 20E-15 5.34E-15 4.09E+01 3.90E-16 A. 20E-15 6.34E-15 4.09E+01 2.54E-13 A. 20E-16 7.30E-16 7.30E-16 2.98E-01 2.11E-16 A. Dichloroethane 2.09E-15 2.09E-16 2.98E-01 1.33E-17 Dichloroethane 1.57E-15 1.60E-15 2.99E-01 2.79E-16 Dichloroethane 1.57E-15 1.60E-15 2.99E-01 2.79E-16 Dichloroethane 1.78E-15 1.60E-15 2.99E-01 2.79E-16 Dichloroethane 2.09E-16 4.14E-16 2.89E-01 2.79E-16 Dichloroethane 3.66E-16 3.66E-16 3.23E-16 Dichlorophane 4.14E-16 4.09E+01 3.23E-16 Dichlorophane 4.14E-16 3.66E-16 3.29E-01 1.19E-16 Dichlorophane 3.66E-16 4.09E+01 3.29E-16 A. 16E-17 4.09E+01 3.60E-16 A. 16E-18 3.60E-18 4.09E+01 3.29E-16 A. 16E-18 3.60E-18 4.09E+01 3.09E-11 A. 16E-18 3.60E-18 4.09E+01 3.09E-11 A. 16E-18 3.60E-18 3.09E-11 3.09E-11 A. 16E-18 3.09E-18 3.09E-11 A. 16E-18 3.09E-11 3.09E-11 A. 16E-18 3.09E-18 3.09E-11 A. 16E-18 3		Chlorobenzene	1.75E-16		N	5.06E-17			
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thelene carbonitrile 1.41E-16 1.44E-16 4.09E+01 5.79E-15 5.91E-15 5.15E-16 Ethalene carbonitrile 7.47E-13 7.63E-13 4.09E+01 3.06E-11 3.12E-11 2.72E-12 2.72E-12 2.73E-14 3.09E+01 3.07E-11 3.12E-11 2.73E-12 2.73E-14 3.51E-14 4.09E+01 1.41E-12 1.44E-12 1.25E-13 1.44E-12 1.44E	thalene carbonitrile 7.47E-16 4.09E+01 5.79E-15 5.91E-15 5.15E-16 thalene carbonitrile 7.47E-13 7.63E-13 4.09E+01 3.06E-11 3.12E-11 2.72E-12 trosodimethylamine 7.51E-13 7.62E-13 4.09E+01 3.07E-11 3.12E-11 2.73E-12 cenaphthalene 3.44E-14 3.51E-14 4.09E+01 1.28E-12 1.31E-12 1.14E-13	thelene carbonitrile 7.47E-13 7.63E-13 4.09E+01 5.79E-15 thalene carbonitrile 7.47E-13 7.62E-13 4.09E+01 3.05E-11 7.51E-13 7.62E-13 4.09E+01 3.07E-11 2.59E-14 3.19E-14 4.09E+01 1.28E-12 5.76E-14 6.15E-14 4.09E+01 2.36E-12		Monomethyl hydrazine	1.20E-09			4.93E-08	5.00E-08		7
thalene carbonitrile 7.47E-13 7.63E-13 4.09E+01 3.06E-11 3.12E-11 2.72E-12 2.73E-12 2.73E-12 2.73E-12 2.73E-13 7.62E-13 4.09E+01 3.07E-11 3.12E-11 2.73E-12 2.77E-12 2.77E-12 2.77E-13 1.28E-14 3.51E-14 4.09E+01 1.41E-12 1.44E-12 1.25E-13 1.28E-14 3.0E-14 4.09E+01 1.41E-12 1.41E-12 1.25E-13 1.28E-14 3.0E-14 3.0E-14 1.41E-12 1.4	thalene carbonitrile 7.47E-13 7.63E-13 4.09E+01 3.06E-11 3.12E-11 2.72E-12 1.085dimethylamine 7.51E-13 7.62E-13 4.09E+01 3.07E-11 3.12E-11 2.73E-12 1.27E-12 1.25E-13 1.25E-14 4.09E+01 1.28E-12 1.31E-12 1.14E-13 1.16E-13	thalene carbonitrile 7.47E-13 7.63E-13 4.09E+01 5.06E-11 trosodimethylamine 7.51E-13 7.62E-13 4.09E+01 3.07E-11 senaphthalene 3.44E-14 3.51E-14 4.09E+01 1.41E-12 sanzo(a)pyrene 5.76E-14 6.15E-14 4.09E+01 2.36E-12		Naphthalene	1.41E-16			5.79F-15	5 O1F-15		-
trosodimethylamine 7.51E-13 7.62E-13 4.09E+01 3.07E-11 3.12E-11 2.77E-12 2.77E-12 cenaphthalene 3.44E-14 3.51E-14 4.09E+01 1.41E-12 1.44E-12 1.25E-13 1.28E-13 1.28E-	trosodimethylamine 7.51E-13 7.62E-13 4.09E+01 3.07E-11 3.12E-11 2.73E-12	trosodimethylamine 7.51E-13 7.62E-13 4.09E+01 3.07E-11 cenaphthalene 3.44E-14 3.51E-14 4.09E+01 1.41E-12 cenaphthene 3.12E-14 3.19E-14 4.09E+01 1.28E-12 cenaphthene 5.76E-14 6.15E-14 4.09E+01 2.36E-12		carbonit	7 475-13	. 1		3 0KE-11	Z 125.11		
senaphthalene 3.44E-14 3.51E-14 4.09E+01 1.41E-12 1.44E-12 1.25E-13	senaphthalene 3.44E-14 3.51E-14 4.09E+01 1.41E-12 1.44E-12 1.25E-13 3.12E-14 3.19E-14 4.09E+01 1.28E-12 1.31E-12 1.14E-13	cenaphthalene 3.44E-14 3.51E-14 4.09E+01 1.41E-12 3.12E-14 3.19E-14 4.09E+01 1.28E-12 3.12E-14 6.15E-14 4.09E+01 2.36E-12		n-Nitrosodimethylamine	7.51E-13	- ,~		3 07E-11	3 12E-11		
Senaphthalene 3.44E-14 3.51E-14 4.09E+01 1.41E-12 1.44E-12 1.25E-13 1.25E-1	Senaphthalene 3.44e-14 3.51e-14 4.09e+01 1.41e-12 1.44e-12 1.25e 1.25e 3.12e-14 3.19e-14 4.09e+01 1.28e-12 1.31e-12 1.14e	Sandphthalene 3.44E-14 3.51E-14 4.09E+01 1.41E-12 1.44E-1 Sandphthene 3.12E-14 3.19E-14 4.09E+01 1.28E-12 1.31E-1 Sandphthene 5.76E-14 6.15E-14 4.09E+01 2.36E-12 2.52E-1						1	J. 16E		
3 12E-14 3 10E-14 1 00E-01 1 24E-12 1 17E-12 1 17E-12 1	3.12E-14 3.19E-14 4.09E+01 1.28E-12 1.31E-12 1.14E	3.12E-14 3.19E-14 4.09E+01 1.28E-12 1.31E-1 5.76E-14 6.15E-14 4.09E+01 2.36E-12 2.52E-1		Acenaphthalene	3.44E-14	51E		4.1F-1	L.E.1	255	
	1 101 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ne 5.76E-14 6.15E-14 4.09E+01 2.36E-12 2.52E-1		Acenaphthene	3 125-14	10	4 00F+01	285.1	215-1	3/	
3:10E-14 4:07E+01 2:30E-12 2:32E-12 2:10E-13 2:											

BL BM BN BO BP BQ	0.4E.4E	13 0.21E-13 4.09E+U1 2.46E-13 2.54E-13	6.24E-14 4.09E+01 2.37E-12 2.56E-12	6.44E-14 4.09E+01 2 57E-12 2 44E-12	A FAE-15 / COPT-04 2 / 12 / 12 / 12 / 12 / 12 / 12 / 12 /	2.05E-13 2.09E-13	2.49E-1/ 4.09E+01 9.97E-16 1.02E-15	1.28E-13 4.09E+01 5.12E-12 5.24E-12	1.59E-17 4.09F+01 6.38F-16 6.57F-16	8.81E-15 0 2/E+00 7 05E-1/ 8 17E-1/	2.725-16 6.005+01 1.105-16 1.25-14	4 102 1 ti 1	0.525.45 / 005:06 1.795:13	3.35E-13 4.09E+UI 5.85E-15 5.90E-13	5.58E-15 9.24E+00 4.87E-14 4.97E-14	1.20E-16 2.89E-01 3.45E-17 3.45E-17	1.91E-15 4.81E-02 9.16E-17 9.16E-17	1.74E-14	1.27E-15 2.89E-01 3.68E-16 3.68E-16	3.15E-09 4.09E+01 1.27E-07 1.29E-07	8.46E-17 4.09E+01 3.39E-15 3.46E-15	7.87E-16 2.89E-01 2.27E-16 2.27E-16	.30E-16 7.30F-16 2.80E-01 2.11E-14 2.11E-14	1.36E-16 1.36E-16 9.62E-03 1.31E-18 1.31E-18 1.16E-19		7.85E-13 NA 0.00E+00	4.54E-15 NA 0.00E+00 0.00E+00 0	1.92E-14 NA 0.00E+00 0.00E+00	6.76E-16 NA 0.00E+00 0.00F+00	2.90E-14 NA 0.00E+00 0.00E+00	6. 90F-10	2.80F-16 NA 0.00E+00	2 08E-16 NA 0 00F-00 0 00F-00	9 /or 14 NA U.UUE+UU U.UUE+UU U.	Z 98F 14 NA U.UUE+UU U.UUE+UU U.	0.00€+00 0.	2.23E-13 NA 0.00E+00 0.00E+00	TE - 0 840 07 10 2 17	EDI = BMC*IR/BW(infant)	8.UUE-U1 Ingestion Rate (kg/day)	7.00	0.33	5.54E+00	2.89E-03	3.70E-01	2.61E-03	3.27E-04	60 1.15E-02 Hexachlorobenzene	
S	Chrysana	Dibonzole Lizetten	oz nipelizota, njantni acene		Fluorene	Dhonanthrono		Pyrene	Parathion	Pentachlorobenzene	Phenol	Pyridine	Quinol ine	Totach onchonson	Total of Openizerie	letrachloroethene	loluene	Irichlorobenzene	Irichloroethene	Unsym. dimethyl hydrazine	Vapona	Vinyl acetate	vinyi chloride	Xylenes (total)	INORGANICS	Arsenic	Cadmium		Chromium (VI)	Copper	Iron	Lead	Mercury	Septiment	Silver	Zine	2	,											

	EDI CHILD AVERAGE ESTIMATED DAILY INTAKE mg/Kg/day	1.83E-11 4.96E-21 1.75E-13 4.13E-14 4.13E-14 4.13E-14 4.13E-14 1.20E-14 1.20E-14 1.20E-14 1.52E-16 1.52E-16 1.52E-16 1.53E-16	
	EDI ADULT AVERAGE ESTIMATED DAILY INTAKE mg/Kg/day	7.72E-12 8.29E-14 1.74E-14 1.74E-14 1.74E-14 1.67E-13 3.91E-17 1.37E-17 1.37E-17 1.57E-19 1.57E-19 1.57E-19 2.92E-19 2.92E-19 1.62E-16 2.92E-16 2.92E-16 2.92E-16 2.92E-17 1.62E-16 3.79E-14 3.79E-14 3.79E-14 3.79E-14 3.79E-14 3.79E-14 3.79E-14 3.79E-14 3.79E-14 3.79E-14 3.79E-14 3.79E-14 3.79E-14 3.79E-14 3.79E-14	2.04E-17 3.43E-17 9.20E-16 2.32E-17 1.92E-17
	Ct AVERAGE CONC ON PLANT mg/Kg	3.95E-18 3.95E-18 3.95E-19 3.28E-11 3.28E-11 3.28E-11 3.15E-10 5.58E-17 1.22E-15 1.22E-17 3.69E-17 1.22E-17 1.23E-17 1.2	38.47.38
	CS AVERAGE CONC. ON PLANT SURFACE mg/Kg	2.076-12 3.216-18 1.16e-13 2.58e-14 1.64e-16 1.64e-16 1.64e-15 5.67e-13 5.96e-16 1.06e-15 6.36e-16 6.36e-16 1.00e-15 6.36e-16 6.36e-16 1.00e-15 6.36e-16 1.00e-16 1.01e-16 1.0	6.36E-15 1.02E-16 5.83E-15 3.12E-15 1.58E-15
	Cu AVERAGE CONC.DUE TO UPTAKE mg/Kg	7.32E-19 8.95E-19 3.22E-19 3.22E-19 3.22E-11 9.54E-12 7.36E-14 5.50E-18 6.68E-14 7.56E-14 7.56E-14 7.56E-14 7.56E-14 7.56E-16 7.57E-17 7.57E-16 7.57E-16 7.57E-16	3.21E-14 6.46E-14 1.73E-12 4.07E-14 3.47E-14
39	PUF PLANT UPTAKE FACTOR	3.68E+00 1.19E-04 7.02E-01 6.51E-02 3.23E-01 1.92E-01 1.92E-01 2.91E-01 1.92E-01 1.59E-01 3.36E-03 1.35E-03 3.25E-03 1.43E+02 2.92E-04 1.57E-02 1.65E+00 1.75E-01 1.75E-01 1.75E-01 1.75E-02 2.66E-02 5.79E+02 2.66E-02 5.79E-03 5.79E-03 5.79E-03 6.73E-03 5.22E-03 5.22E-03 5.22E-03 5.22E-03 5.22E-03	2.64E-03 3.32E-01 1.55E-01 6.82E-03
PTION - AVERAGE	C soil AVERAGE CALCULATED CONC IN SOIL .2M mg/Kg	3.96E-09 6.15E-15 1.38E-12 1.38E-12 1.08E-09 4.97E-11 1.08E-09 1.24E-15 1.25E-13 1.15E-14 1.16E-15 1.26E-15 1.26E-11 9.90E-11 9.90E-11 9.90E-11 1.98E-10	1.22E-11 1.94E-13 1.11E-11 5.97E-12 3.02E-12
TOMATO CONSUMPTION	D DRY DEPOSITION RATE 9/M2/yr	2.91e-17 1.63e-17 1.63e-17 3.65e-13 3.65e-13 3.65e-13 2.39e-15 2.31e-16 1.16e-16 8.29e-17 1.16e-16 8.29e-17 1.16e-16 8.29e-17 1.16e-16 8.29e-17 1.28e-14 1.28e-14 1.28e-14 1.28e-14 1.28e-14 1.28e-14 1.28e-14 1.28e-14 1.28e-14 1.28e-14 1.28e-14 1.28e-14 1.28e-14 1.28e-14 1.26e-15 1.36e-15 1.36e-13 1.27e-14 1.36e-15 1.45e-16	8.92E-14 1.43E-15 8.19E-14 4.39E-14 2.22E-14
	18-Jun-91 14:39:23	phthalate le ine intrile mine	7 a 7 i no
	STINVOID	Acetonitrile Aldrin Andrin Aniline Atrazine Benzaldehyde Benzofuran Benzonitrile Benzonitrile Benzonitrile Benzonitrile Benzonitrile Benzonitrile Benzonitrile A-chloroaniline 4-chloroaniline 4-chlorobiphenyl Chloroethane Dibenzofuran 1,2-Dichloroethane Dieldrin Hexachlorobenzene Hydrazine Lindane Malathion Methyl ethyl ketone 4-Methylphenol Monomethyl hydrazine Naphthalene carbonitrile Naphthalene	Pentachlorobenzene Phenol Guinoline Tetrachlorobenzene Trichlorobenzene Unsvm. dimethyl hydrazine
120	122 123 124 129	TO MONTH ON TO A T	5525 5225 5225 525 525 525 525 525 525

¥	1.45E-15 9.06E-17 7.71E-16 ADUT K K t t VSDF NG SECYF MG
7	7-
	1.15E-12 7.21E-14 6.13E-13 N RATE ,Kg/dar FROM RURAL SC
I	4.70E-13 6.83E-13 1.15E-12 6.11 6.81E-14 3.82 6.88E-13 2.56E-14 6.13E-14 3.25 7.21E-14 3.25 7.21E-14 3.25 7.21E-14 3.25 6.88E-13 2.56E-14 6.13E-13 3.25 CHILD 3.36E-02 TOWATO INGESTION RATE ,Kg/day 1.55E+01 BODY WEIGHT, KG 6.80E-02 r tomato, s 3.89E+06 t tomato, s 1.34E+00 Y tomato, kg/M2 7.85E+04 VSDF tomato, kg/M2 7.85E+04 VSDF tomato, M2s/Kg 5.80E-01 FRACT. CONSUMED FROM RURAL SOURCE. 3.15E+07 Sec/yr 1.00E+03 mg/g
g	4.70e-13 6.83E-13 6.81E-14 3.96E-15 5.88E-13 2.56E-14 CHILD 3.36E-02 TOMATO INGES 1.55E+01 BODY WEIGHT, 6.80E-02 r tomato 5.78E-07 k tomato, 1/ 3.89E+06 t tomato, 1/ 3.89E+06 t tomato, 8/ 7.85E+04 VSDF tomato, 8/ 7.85E+07 VSDF tomato, 8/ 7.85E+04 VSDF tomato, 8/ 7.86E+04
ш.	3.60E-04 9.00E-03 1.20E-02 ADULT 6.40E-02 7.00E+01 6.80E-02 3.78E-07 3.89E+06 1.34E+00 7.85E+04 0.58 3.15E+07 1.00E+03 VS
ш	1.31E-09 7.57E-12 4.90E-11
D TABLE 8	9.59E-12 5.56E-14 3.60E-13
ပ	
BASE CASE	INORGANICS Arsenic Cadmium Mercury
	178 181 182 183 183 185 187 190 190 197 198 198

	EDI CHILD MAXIMUM ESTIMATED DAILY INTAKE	1.86E-11 4.42E-19 4.42E-19 5.29E-14 4.27E-14 6.28E-16 6.28E-16 7.46E-	. 89E-16
			M
	EDI ADULT MAXIMUM ESTIMATED DAILY INTAKE MG/KG/day	7.876 6.016 6.	7.99E-1 4.80E-1
	Ct MAXIMUM CONC ON PLANT mg/Kg	1.48E-08 1.63E-10 1.63E-10 1.06E-11 1.06E-11 1.06E-13 2.77E-12 2.77E-12 2.77E-13 3.74E-13 3.74E-13 3.74E-14 7.28E-16 1.96E-15 1.96E-15 1.96E-16 1.96E-16 1.96E-17	1.51E-13 9.06E-14 2.87E-06
	CS MAXIMUM CONC. ON PLANT SURFACE mg/Kg	2.28	99E 54E
	CU MAXINUM CONC. DUE TO UPTAKE mg/Kg	7.48E 1.58E 1.	4.13E-14 3.52E-14 2.87E-06
	PUF PLANT UPTAKE FACTOR	3.68E+00 1.79E-04 7.02E-01 6.60E-02 1.92E-01 1.92E-01 1.92E-01 1.92E-01 1.92E-01 1.92E-01 1.92E-01 1.92E-01 1.92E-01 1.92E-02 1.92E-02 1.92E-02 1.92E-02 1.92E-02 1.92E-02 1.92E-02 1.92E-02 1.92E-02 1.92E-02 1.92E-02 1.92E-02 1.92E-02 1.92E-03	6.82E-03 1.15E-02 5.91E+01
	C SOIL MAXIMUM CALCULATED P CONC IN SOIL .2M mg/Kg	4.02E-09 6.24E-15 1.02E-10 1.03E-10 5.00E-10 1.03E-10 5.00E-10 1.26E-13 3.18E-13 3.18E-13 1.26E-12 1.26E-13 3.32E-13 1.26E-12 1.26E-13 1.26E-13 1.26E-13 1.26E-13 1.26E-14 1.26E-14 1.26E-14 1.26E-14 1.26E-14 1.26E-14 1.26E-14 1.26E-14 1.26E-14 1.26E-14 1.25E-14 1.00E-10 1.00E-11 1.00E-11 1.25E-14 1.25E-14 1.25E-14	6.06E-12 3.07E-12
	D DRY DEPOSITION RATE 9/M2/yr	2.91E-11 1.05E-12 3.62E-12 3.62E-12 3.65E-12 3.65E-12 3.36E-13 3.36E-13 3.36E-14 1.45E-15 9.08E-17 1.14E-14 1.50E-15 1.50E-15 1.50E-15 1.45E-12 1.45E-12 1.45E-12 1.45E-12 1.45E-12 1.45E-12 1.45E-12 1.45E-12 1.45E-12	4.39E-14 2.22E-14 3.52E-10
	18-Jun-91 14:39:23	phthalate l ine ine ine ihracene	drazine
		Acetonitrile Aldrin Aniline Aridrin Aniline Arrazine Benzaldehyde Benzofuran Benzoririle Benzornirile Benzornirile Benzornirile Benzornirile Benzornirile Benzornirile Carbazole 4.Chlorobiphenyl 4,4-Chlorobiphenyl Chloroethane Dibenzofuran 1,2-Dichloroethane Dibenzofuran 1,2-Dichloroethane Dibenzofuran 1,2-Dichloroethane Dibenzofuran 1,2-Dichloroethane Dibenzofuran A-Chlorobiphenyl A-Chlorobiphenyl A-Chlorobiphenyl A-Chlorobiphenyl A-Chlorobiphenyl A-Chlorobiphenyl Benzofuran A-Methyl ketone A-Methyl hydrazine Naphthalene carbonitrile Naphthalene carbonitrile Naphthalene Chrysene Benzo(a)pyrene Chrysene Dibenzo(a)pyrene Chrysene Phenanthrene Phenanthrene Phenanthrene Phenanthrene Phenoline	Tetrachlorobenzene Trichlorobenzene Unsym. dimethyl hydrazine
120		051135 1352 1353 1353 1353 1353 1353 1353	242

BASE CASE	INORGANICS	Mercury													•		
, TABLE 9	9.59E-12	5.56E-14 3.60E-13															
z	1.32E-09	4.97E-11															
0	3.60E-04	9.00E-03	ADULT	6.40E-02	6.80E-02	5.78E-07	3.89E+06	1.34E+00	7.85E+04	5.80E-01	3.15E+07	1.00E+03		>		0.0	J II
۵.	4.77E-13	6.91E-14 5.96E-13	CHILD	3.36E-02	6.80E-02	5.78E-07 k	3.89E+06	1.34E+00	7.85E+04	5.80E-01	3.15E+07	1.00E+03		VSDF = r*(1-e	, ·	s = VSDF*Dep	ENT - 70+1*ANT
G	2.39E-11	1.59E-13 8.96E-13		3.36E-02 TOMATO INGESTION RATE , Kg/day	BODY WelGHI, KC	k tomato, 1/s	t tomato, s			FRACT. CONSUMED FROM RURAL SOURCE.	sec/yr	mg/g	·kt	~	/**K	Cs = VSDF*Deposition*mgg/secyr	ENT - CC+1/*ADITOM*UC/ADIT
œ	2.44E-11	2.08E-13 1.49E-12		N RATE , Kg/da	_				s/Kg	FROM RURAL SI						.yr	
S	1.29E-14	1.10E-16 7.91E-16				_	•										
-	3.06E-1	2.61E-16 1.88E-15		ADITOM	TWO				VSDF	10	Secyr	mad					

Soil Cultary (Soil Cultary (So	C SOIL PUF CU CS Ct AVERAGE AVERAGE AVERAGE AVERAGE CALCULATED PLANT UPTAKE CONC.ON CONC.ON CONC IN FACTOR TO UPTAKE PLANT PLANT SOIL MG/KG SURFACE MG/KG mg/Kg	3.06E+00 1.21E-08 4.16E-12 5.85E-01 1.30E-10 2.34E-13 1.60E-01 2.42E-01 2.42E-01 2.42E-01 2.62E-10 1.34E-12 2.42E-01 2.62E-10 1.14E-12 2.42E-01 2.62E-10 1.14E-12 2.66E-01 2.99E-12 1.68E-16 2.66E-01 2.99E-12 1.68E-16 2.66E-01 2.99E-12 1.16E-17 2.66E-01 2.99E-12 1.16E-17 2.66E-01 2.99E-12 1.16E-17 2.66E-17 2.6	9.90E-12 5.60E-03 5.55E-14 1.04E-14 6.59E-3 3.85E-14 4.35E-03 1.68E-16 4.05E-17 2.08E-13 2.98E-10 1.98E-16 2.98E-13 5.99E-16 2.45E-14 1.20E-02 2.94E-16 2.58E-17 3.20E-16 1.22E-11 2.20E-03 2.67E-14 1.28E-14 3.95E-17 1.94E-13 2.77E-01 5.38E-14 2.04E-16 5.40E-16 1.11E-11 1.29E-01 1.44E-12 1.17E-14 1.45E-16
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· AC	1.85E-16 1.00E-17 1.05E-16	711 61	ADWT					VSDF	""	secyr	BBL						
	2.13E-17 2.22E-16			_	*	4	^	×			Ĕ						
AA	2.25E-12 2.25E-13	AND BATE YAL	G.				2	42s/Kg	FROM RURAL						.yr		
2	7.96E-15 5.15E-14	HILD 246-07 LETTING THRESTIAN DATE VALANCE	.55E+01 BODY WEIGHT, KG	r lettuce	k lettuce, 1/s	t lettuce, s	y lettuce, Kg/M2	VSDF lettuce, M2s/Kg	FRACT. CONSUMED FROM RURAL SOURCE.	ec/yr	8/8	-kt	^		Cs = VSDF*Deposition*mgg/secyr		EDI = (CS+Cu)*ADILET*HG/ADWT
> 2	2.08E-13 2.20E-13	CHILD 1 2/F-03 1	1.55E+01 B	1.50E-01 r		5.62E+06 t	1.58E+00 y	1.58E+05 V	5.80E-01 F	.15E+07	1.00E+03 mg/g		VSDF = r*(1-e	**k	s = VSDF*Depo	Cu = PUF*Csoil	NI = (CS+Cn)*
×, 6	2.75E-02 4.50E-02	ADULT 1 10E-02	7.00E+01	1.50E-01	5.78E-07	5.62E+06	1.58E+00	1.58E+05	5.80E-01	3.15E+07	1.00E+03		>		0	0	ш
→ 2.	7.57E-12 4.90E-11									٠							
V TABLE 10	5.56E-14 3.60E-13																
; c																	
BASE CASE NORGANICS	Cadmium																
117 E 118 177 178 IN		183	185	186	187	88	189	190	191	192	193	194	195	196	197	2 2	**

AL	EDI CHILD MAXIMUM ESTIMATED DAILY INTAKE mg/Kg/day	5.77E-13 1.05E-20 1.66E-18 2.12E-15 2.12E-15 3.66E-18 3.66E-18 4.59E-16 1.66E-18 1.23E-18 1.23E-18 1.25E-10 1.66E-10 1.25E-	53E- 11E- 53E-
AK	EDI ADULT MAXIMUM ESTIMATED DAILY INTAKE mg/Kg/day	2.24E-20 1.28E-14 3.126E-17 3.126E-17 3.02E-14 5.50E-14 5.50E-16 5.91E-20 1.23E-18 1.23E-18 1.23E-18 1.23E-18 1.23E-18 1.23E-10 1.23E-18 2.56E-16 3.68E-17 1.57E-10 1.55E-10 1.55E-10 1.55E-10 1.55E-10 1.55E-10 1.85E-17 1.85E-17 1.85E-17 1.85E-17 1.85E-17 1.85E-17	
ΑJ	Ct MAXIMUM CONC ON PLANT mg/Kg	1.24E - 08 1.26E - 13 1.26E - 13 3.15E - 13 3.06E - 10 2.06E - 10 1.24E - 12 2.05E - 12 1.24E - 13 1.24E - 13 1.27E - 13	1.41E-13 2.40E-06 3.30E-14
AI	CS MAXIMUM CONC. ON PLANT SURFACE mg/Kg	2.26E-16 3.73E-16 1.81E-17 1.70E-14 1.70E-16 1.70E-17 1.70E-16 1.70E-17	11 76 57
АН	Cu MAXIMUM CONC.DUE TO UPTAKE Mg/Kg	1.23E-08 6.19E-19 7.57E-14 2.75E-14 6.02E-14 6.02E-14 7.06E-10 7.06E-10 7.06E-10 7.06E-10 7.06E-10 7.06E-14	39E-1
AG UM	PUF PLANT UPTAKE FACTOR	3.06E+00 5.85E-01 5.85E-01 2.69E-01 1.60E-01 1.58E-01 1.68E-01 1.15E-02 2.40E-02 2.40E-02 2.40E-02 2.40E-02 2.69E-01 1.37E-03 1.13E-03 1.19E+02 2.22E-02 2.22E-02 2.22E-02 2.22E-02 2.22E-02 2.22E-02 3.68E-04 1.97E-03 1.97E-03 1.97E-03 2.22E-03 2.22E-03 2.22E-03 3.68E-04 3.56E-01 1.97E-02 2.22E-03 2.22E-03 3.68E-04 3.68E-04 3.68E-04 3.68E-04 3.68E-04 3.68E-04 3.68E-04 3.68E-04 3.68E-04 3.68E-04 3.68E-03 3.68E-04 3.68E-04 3.68E-04 3.68E-04 3.68E-04 3.68E-04 3.68E-04 3.68E-03 3.68E-04 3.68E-03 3.68E-04 3.68E-03 3.68E-03 3.68E-03	9.56E-03 4.93E+01 3.00E-01
AF PTION - MAXIMUM	C soil MAXIMUM CALCULATED PI CONC IN SOIL .2M mg/Kg	2.26E-10 1.00E-09 5.00E-10 5.00E-10 5.00E-10 7.00E-10 7.00E-11 1.00E-12 1.00E-12 1.00E-12 1.00E-10	3.07e-12 4.86E-08 9.83E-14
AE TABLE 11 LETTUCE CONSUMPTION	D DRY DEPOSITION RATE g/M2/yr	2.91e-11 1.63e-12 3.62e-12 3.62e-12 3.62e-12 3.62e-12 3.96e-12 2.31e-14 1.63e-14 9.36e-16 8.36e-16 1.46e-16 1.46e-16 1.50e-17 2.36e-16 1.46e-16 1.50e-12 3.62e-14 1.50e-12 3.62e-14 1.50e-12 1.64e-16 1.56e-12 3.62e-13 7.27e-13 7.27e-13 7.27e-13 7.27e-13 7.27e-13 7.27e-14 8.92e-14 1.45e-12 1.45e-12 1.45e-12 1.45e-12	
	18-Jun-91 14:39:23	ohthalate ne nitrile mine hracene	drazine
BASE CASE		Autics Acetonitrile Aldrin Aniline Ariatine Benzaldehyde Benzaldehyde Benzofuran Benzofuran Benzofuran Benzofthiazole At-Chlorobiphenyl At-Chlorobiphenyl Chlorobiphenyl Chlorobiphenyl Chlorobiphenyl At-Chlorobiphenyl Chlorobiphenyl Chlorobiphenyl Chlorobiphenyl At-Chlorobiphenyl Chlorobiphenyl At-Chlorobiphenyl Chlorobiphenyl Chlorobiphenyl At-Chlorobiphenyl Indane Malathion Methyl ketone Arachlorobenzene Hydrazine Naphtylphenol Monomethyl hydrazine Naphthalene Carbasodimethylamine Pathyl Acenaphthalene Acenaphthalene Acenaphthalene Benzo(a)pyrene Chrysene Phenanthrene Phenanthrene Phenathion Pertachlorobenzene Phenol Tetrachlorobenzene	Trichlorobenzene Unsym. dimethyl hydrazine Vapona
æ ,		0	174 Trichld 175 Unsym. 176 Vapona

BASE CASE	INORGANICS	Arsenic	Cadmidm	Mercury																	
AE TABLE 11		9.59E-12	5.56E-14	3,60E-13																	
AF		1.32E-09	7.68E-12	4.97E-11																	
AG		2.00E-03	2.75E-02	4.50E-02	ADULT	1.19E-02	7.00E+01	1.50E-01	5.78E-07	5.62E+06	1.58E+00	1.58E+05	5.80E-01	3.15E+07	1.00E+03		š		ŭ	ರ	1
АН		2.65E-12	2.11E-13	2.24E-12	CHILD	1.24E-03 L	1.55E+01 B	1.50E-01 r	×	5.62E+06 t	1.58E+00 y			3.15E+07 s	1.00E+03 m		VSDF = r*(1-e)	/**	s = VSDF*Depo	J = PUF*Csoil	+11.0.10
AI		4.81E-11	2.79E-13	1.80E-12		.24E-03 LETTUCE INGESTION RATE .Kg/day	.55E+01 BODY WEIGHT, KG	lettuce	lettuce, 1/s	lettuce, s	lettuce, Kg/M2	SDF lettuce, M2s/Kg	FRACT. CONSUMED FROM RURAL SOURCE.	sec/yr	mg/g	-kt	^		Cs = VSDF*Deposition*mgg/secyr		TINA
P		5.07E-11	4.90E-13	4.04E-12		TON RATE .Kg/	Ċ				42	12s/Kg	FROM RURAL						.yr		
AK		5.00E-15	4.83E-17	3.98E-16				_	~	+	>	.>									
AL		2.35E-15	2.27E-1	1.87E-16		DILET	ADWT				1	SDF	HG	secyr	TIGG .						

		132 Actonitrile 133 Aniline 134 Atrazine 135 Aldrin 136 Benzoluran 137 Benzoic Acid 138 Benzorluran 137 Benzoic Acid 138 Benzothiazole 139 Benzothiazole 140 Carbazole 141 Carbazole 142 Chlorobipher 143 Chlorobipher 144 Chlorobipher 145 Chlorobipher 146 Chlorobipher 147 Chlorobipher 148 Dieldrin 149 Hexachlorobenz 149 Hexachlorobenz 148 Dieldrin 149 Hexachlorobenz 151 Indathion 149 Hexachlorobenz 152 Monomethyl kyd 153 Methyl ethyl k 154 Amethylphenol 155 Monomethyl kyd 155 Monomethyl kyd 156 Monomethyl kyd 157 Monomethyl kyd 158 Monomethyl kyd 158 Monomethyl kyd 159 Monomethyl kyd 150 Monomethyl	Tetrachlor Trichlorof Unsym. dir
l	,	vyde n cid ile ile izole izole iythexyl) iythexyl) iniline inphenyl inan oroethan obenzene inan inan obenzene hyl ketol henol inhene hthalene hthalene hthene o(a,h)ant nnhene ne crabot robenzene	robenzene penzene methyl hy
	18-Jun-91 14:39:23	phthalate ine ine ine mine thracene	drazine
CARROT CONSUMPTION	C soil AVERAGE CALCULATED CONC IN SOIL .ZM mg/Kg	3.96E-09 6.15E-15 1.38E-12 1.38E-12 1.08E-09 4.97E-11 1.08E-09 1.27E-13 3.14E-13 1.27E-12 1.17E-12 1.17E-12 1.26E-14 1.26E-14 1.26E-14 1.26E-14 1.26E-14 1.26E-14 1.26E-14 1.26E-14 1.26E-14 1.26E-14 1.26E-14 1.26E-14 1.26E-14 1.26E-14 1.26E-14 1.26E-14 1.26E-14 1.26E-14	1.11E-11 5.97E-12 3.02E-12 4.79E-08
TION - AVERAGE	log Ком	0.34 7.46 0.94 1.68 1.68 1.66	2.03 4.37 3.98
	X Soc	2.2 96000 73.553 320 1152 313 248 148 143 143 143 143 143 143 143 143 143 143	79 1600 9200
	RUF ROOT UPTAKE FACTOR	2.68E+01 9.28E-01 9.28E-01 9.50E-01 6.57E-01 6.57E-01 3.25E-01 3.25E-01 6.95E-01 7.44E+01 7.44E+01 7.44E+01 7.44E+01 7.44E+01 7.44E+01 7.56E+01	1.72E+00 3.12E+00 2.75E-01
	C plant AVERAGE CONC.DUE TO UPTAKE mg/Kg	1.06E-07 2.06E-14 2.06E-10 1.31E-12 5.88E-12 1.08E-12 2.07E-14 4.09E-12 4.40E-12 2.04E-13 3.99E-15 6.89E-12 4.40E-12 2.07E-11 4.40E-12 2.04E-13 1.08E-09 7.22E-10 6.88E-12 6.45E-13 1.08E-12 6.45E-12 1.08E-12 1.08E-12 1.08E-12 1.08E-12 1.08E-12 1.08E-12 1.08E-12 1.08E-12 1.08E-12 1.08E-12	1.91E-11 1.86E-11 8.30E-13
	EDI ADULT AVERAGE ESTIMATED DAILY INTAKE	2.00E-14 2.00E-14 2.00E-14 2.05E-16 5.53E-15 2.01E-17 2.01E-17 2.01E-17 2.01E-17 2.01E-17 2.01E-17 2.01E-17 2.01E-17 2.01E-17 2.01E-17 2.01E-17 2.01E-17 3.87E-19 3.87E-19 4.05E-19 3.87E-19 3.46E-19 1.97E-17 7.00E-13 7.00E-13 7.00E-13 7.00E-13 7.00E-13 7.00E-13 7.00E-13 7.00E-13 7.00E-13 7.00E-13 7.00E-13 7.00E-13 7.00E-14 7.00E-14	1.85E-15 1.80E-15 8.05E-17
	EDI CHILD AVERAGE ESTIMATED DAILY INTAKE	3.00E-14 3.00E-14 3.00E-14 3.00E-14 3.00E-14 3.00E-14 3.01E-14 3.01E-17 3.01E-17 3.01E-17 3.02E-13 3.03E-13 3.03E-14 3.03E-15 3.03E-15 3.03E-15 3.03E-15 3.03E-15 3.03E-15 4.38E-16 4.38E-16 4.38E-16 5.38E-16 5.38E-16 6.38E-16 7.38E-	2.78E- 2.70E- 1.21E-

AR AS AT AU	9,40E-13 9,11E-17	1.36E-13 1.32E-17 1.18E-12 1.14E-16	OIL OBCANTE PABBON CONTENT	CALL CACAMIC CANDON CONTENT CANDI INGESTION RATE , Kg/day	RACTION OF CARROTS HOMEGROUN	= 0.77log Kow-1.52	(Koc*Foc) Cplant = RUF*Csoil EDI = C plant * ADICAR * HG / ADWT
AQ			CHILD 1 425-03 SC	0.00388 CA	5.80E-01 FR	.og(RCF-0.82) = RUF = RCF	(Koc*Foc) plant = RUF*Cs DI = C plant *
АР			ADULT	0.0117	5.80E-01	- 2	011
AO TABLE 12	1.31E-09	7.57E-12 4.90E-11	Š	ADICAR	SH .		
ပ							
BASE CASE	ANICS	Cadmium Mercury					
	C AO AP AQ AR AS AT TABLE 12	E C AO AP AQ AR AS AT TABLE 12 TABLE 12 7.20E-04 9.40E-13 9.11E-17	C A0 AP AQ AR AS AT TABLE 12 1.31E-09 7.20E-04 7.57E-12 7.57E-12 4.90E-11 2.40E-02 1.18E-12 1.14E-16 1	TABLE 12 AP AQ AR AS AT 1.31E-09 7.50E-04 9.40E-13 9.11E-17 7.57E-12 7.50E-04 9.40E-13 1.32E-17 7.50E-04 9.40E-13 1.32E-17 7.50E-04 1.36E-13 1.32E-17 7.50E-04 1.36E-13 1.32E-17 7.50E-04 1.36E-13 1.36E-16 7.50E-11 CHILD	TABLE 12 1.31E-09 7.20E-04 9.40E-13 9.11E-17 7.57E-12 4.90E-11 ADULT C	C A0 AP A0 AR AS AT 1.31E-09 7.57E-12 4.90E-11 FOC 1.42E-02 1.42E-02 1.42E-02 1.42E-02 ADULT CHILD 1.42E-02 1.42E-03 1.44E-16 1.42E-02 1.42E-02 1.42E-02 1.42E-02 1.42E-02 1.42E-03 1.44E-16 1.42E-02 1.42E-02 1.42E-02 1.42E-03 1.44E-16 1.42E-03 1.44E-16 1.44E-1	

RUF C plant EDI MAXIMUM ADULT ROOT UPTAKE CONC.DUE MAXIMUM FACTOR TO UPTAKE ESTIMATED MG/KG DAILY MG/KG INTAKE MG/KG/AGY	9495151015145161751151151168188	1.94E-11 1.89E-11
RUF Koc ROOT UPT FACTOR	2.20E+00 7.36E+01 7.36E+01 3.20E+02 1.52E+02 2.48E+02 2.48E+02 2.95E+02 2.95E+02 2.95E+02 3.15E+02 2.95E+02 3.55E+02 3.55E+02 3.55E+02 3.55E+02 4.55E+03 4.55E+04 1.00E+03 4.55E+04 4.56E+04 1.00E+03 4.50E+03 5.03E+04 5.03E+04 5.03E+04 5.03E+04 5.03E+04 5.03E+04 7.40E+04 7.40E+04 7.40E+04 7.40E+04 7.30E+03 7.30E+03 7.30E+03 7.30E+04 7.30E+	
Log Kow	-3.40E-01 7.40E+00 9.00E-01 1.48E+00 1.48E+00 1.567E+00 1.567E+00 3.29E+00 4.12E+00 1.49E+00 5.58E+00 1.49E+00 5.58E+00 1.49E+00 1.49E+00 5.47E+00 5.47E+00 5.46E+00 5.56E+00 5.56E+00 5.56E+00 5.56E+00 5.66E+00	
C SOIL MAXIMUM CALCULATED LO SOIL .2M mg/Kg	4.02E-09 6.24E-15 1.40E-10 1.40E-12 1.03E-10 5.00E-10 5.00E-11 1.60E-12 1.25E-12 1.25E-12 1.25E-12 1.25E-12 1.25E-12 1.00E-11 1.00E-11 1.00E-11 1.00E-11 1.00E-11 1.00E-11 1.25E-12 1.25E-12 1.25E-12 1.25E-12 1.25E-12 1.25E-12 1.25E-14 1.25E-14 1.25E-14 1.25E-14 1.25E-14	1.97E-13 1.13E-11 6.06E-12 3.07E-12
18-Jun-91 14:39:23	Actonitrile Addrin Aniline Atrazine Benzaldehyde Benzofuran Benzofuran Benzothiazole Garbazole 4-Chlorobiphenyl A,4-Chlorobiphenyl Chlorocthane Dibenzofuran 1,2-Dichlorocthane Diedrin Hexachlorobenzene Hydrazine Lindane Malathion Methyl ethyl ketone 4-Methylphenol Monomethyl hydrazine Lindane Malathion Methyl ethyl ketone Chrysone Chrysone Acenaphthene Benzo(a)pyrene Chrysone Fluoranthene Fluoranthene Fluoranthene Parathion Pentachlorobenzene Fluoranthene Parathion	Phenol Quinoline Tetrachlorobenzene Trichlorobenzene

3ASE CASE	TABLE 13	¥	Ā	A2	ВА	88	2
U	1.32E-09			7.20E-04	9.54F-13	9.25F-17	1 38F-16
■	7.68E-12			1.80E-02	1.38E-13	1.346-17	2.01E-17
Mercury	4.97E-11			2.40E-02	1.196-12	1.16E-16	1.73E-16
		ADULT	CHILD				
	Foc	1.42E-02	1.42E-02 \$	1.42E-02 SOIL ORGANIC CARBON CONTENT	RBON CONTENT		
	ADICAR	1.17E-02	3.88E-03 1	3.88E-03 INGESTION RATE , Kg/day	,Kg/day		
	ADWT	7.00E+01	1.55E+01 E	30DY WEIGHT, KG			
	£	5.80E-01	5.80E-01 P	FRACTION OF CARROTS HOMEGROWN	ROTS HOMEGROW	2	
		_	CR UTEL	= 0 771 og Volt-	4 52		
		, Q2	UF = RCF	RUF = RCF	30.1		
			(Koc*Foc)				
		S	plant = RUF*C	Soil			
		ш	DI = C plant	EDI = C plant * ADICAR * HG / ADWT	/ ADWT		
		ш	DI (total) =	Di tomato : DI	lettuce + DI	carrot	

ВН			ESTIMATED	INTAKE	mg/Kg/day		3.48E-11	1.02E-17	2.41E-13	3.44E-16	5.42E-14		-	1.39E-16	3.44E-16	5.55E-16	7 17	7		-	1.56E-15	3 85F-15	1.05E-08	9.41E-19	1.91E-18		1.09E-15	4.22F-17	2.23E-13	1.16E-12	1 OEF 11	5,625-15	3.00E-15	7.04E-16	3,45E-15	1.13E-14	1.35E-15	4.09E-18	2 035-18	2.74E-15	2,66E-16	5.37E-15	2.94E-15	2.43E-16	5.76E-09 5.68E-17
BG V atoes)		AVERAGE	ESTIMATED	INTAKE	mg/Kg/day		3.42E-11	9.87E-18	-	£ .	5.10E-14		4.95E-13	1.26E-16	3.32E-16	2.9/E-16	1.466-17	6.18E-19	5.66E-15	7.76E-16	1.516-15	3.09F-15	1.04E-08	8.04E-19	1.52E-18	7.86E-15	2 455-00	3-68E-17	1.94E-13	1.14E-12	37.570	4.37E-15		-				1 66F-16	2 30F-18	2.41E-15	2.57E-16	5.02E-15	2.76E-15	.68E-	5.68E-09 5.37E-17
3E BF 14 VEGETABLE CONSUMPTION ots, lettuce, and toma		MAXIMUM	ESTIMATED	INTAKE	mg/Kg/day		1.95E-11	6.76E-18	1.20E-13	2.02E-16	7 72E-14	8.88E-15	2.68E-13	7.23E-17	2.29E-16	2.13E-16 2.18E-17	1.50F-17	6.17E-19	3.06E-15	6.29E-16	8 27E-17	2.46E-15	5.61E-09	5.74E-19	1.03E-18	4.54E-15	1 225-00	2.61E-17	1.38E-13	7.54E-13	A 70E.15	3.44E-15	1.68E-15	4.36E-16	1.98E-15	7.17E-15	2 545-10	1.36F-14	1.79F-18	1.78E-15	1.60E-16	3.10E-15	1.94E-15	1-44E-16	3.12E-09 2.87E-17
BE BF B TABLE 14 TOTAL VEGETABLE CONSUMPTION (carrots, lettuce, and tomatoes)	- PADIII T.	AVERAGE	ESTIMATED DAT! Y	INTAKE	mg/Kg/day		1.92E-11	~	1.16E-13		6.50F-14			6.54E-17	2.22E-16	1 985-17	1.08E-17	4.06E-19	37E-1	4.94E-16	8 14F-17	2.05E-15	5.53E-09	4.98E-19	8.19E-19	4.45E-15	1.205-10	2.32E-17	1.22E-13	7.43E-13	5 07F-15	2.76E-15	3.90E-16	3.03E-16	6.8/E-16	5.80E-15	2 035-18	1.08E-14	1.45E-18	1.60E-15	1.56E-16	2.92E-15	1.83E-15	1.03E-16	3.08E-09 2.71E-17
ပ	18-Jun-91						Φ			_	<u>v</u>	O.	9	le hemel but the late	Bis(z-etnythexyt)phthalate	Line	henyl	iphenyl	· e	ייייייייייייייייייייייייייייייייייייייי	oeciialie oeciialie	enzene			1	r ketone	hydrazine		Naphthalene carbonitrile	methylamine	nalene	nene	oyrene		Ulbenzo(a,n)antnracene	ene	ana	2		senzene			enzene	zene	unsym. dimetnyl nydrazine Vapona
BASE CASE						ORGANICS	Acetonitrile	Aldrin	Aniline	Atrazine	Benzofuran	Benzoic Acid	Benzonitrile	Benzothiazole	Carbazole	4-Chloroaniline	4-Chlorobiphenyl	4,4-Chlorobipheny	Chloroethane	Dibenzofuran	Dieldrin	Hexachlorobenzene	Hydrazine	Lindane	Matathion	/-Mothyl bhonol	Monomethyl hydrazine	Naphthalene	Naphthalene	n-Nitrosodimethylamine	Acenaphthalene	Acenaphthene	Benzo(a)pyrene	Chrysene	Dipenzo	Fluoranthene	Phenanthrene	Pyrene	Parathion	Pentachlorobenzene	Phenol	Quinoline	Tetrachlorobenzene	Trichlorobenzene	Unsym. dimet Vapona
711 118 120 22	122	124	123	127	128	130 ORG	131	132	155	124	136	137	138	139	140	142	143	144	145	146	148	149	150	151	152	15,	155	156	157	158	160	161	162	163	104	24	167	168	169	170	171	172	173	174	176

#8	3.31E-14
98	1.77E-15
BF	1.80E-14
BE TABLE 14	1,10E-15
O III	
B BASE CASE	INORGANICS Arsenic
1118	178

W8	JMEDI EDI MATED DAILY INTAKE mg/Kg/day	1.04E-13 3.60E-17 1.29E-14 1.29E-17 1.29E-17 1.29E-17 1.37E-19 2.59E-17 1.37E-17 2.59E-17	
BL	C soil CALCULATED CONC IN SOIL .1M mg/Kg	8.03E - 09 2.79E - 12 2.79E - 12 2.79E - 12 2.20E - 10 2.20E - 11 2.20E - 12 2.20E - 12 2.20E - 14 2.20E - 10	
BK ESTION CHILD	SE EDI ESTIMATED DAILY INTAKE mg/Kg/day	1.02E-13 3.55E-17 2.62E-15 2.52E-17 7.03E-18 8.10E-17 7.03E-18 8.10E-17 7.03E-18 8.10E-17 7.03E-18 8.10E-17 7.03E-18 8.10E-17 7.70E-17 7.70E-17 7.70E-18 8.10E-18 8.10E-18 7.70E-16 7.70E-16 7.70E-16 7.70E-16 7.70E-16 7.70E-16 8.10E-18 8.1	
BJ BK TABLE 15 SOIL/DUST INGESTION CHILD	C soil CALCULATED CONC IN SOIL .1M r	7.92E - 09 6.45E - 10 9.98E - 10 9.98E - 10 9.98E - 10 9.98E - 10 9.98E - 10 9.98E - 10 1.98E - 11 1.98E - 11 9.86E - 11 9.86E - 11 1.98E - 11	
ပ	18-Jun-91 14:39:23	Audrin Aufline Aldrin Aniline Arazine Benzaldehyde Benzofuran Benzofuran Benzothiazole Bis(2-ethylhexyl)phthalate Carbazole 4-Chlorobiphenyl 4,4-Chlorobiphenyl Chlorothane Dienzofuran 1,2-Dichloroethane Diedrin Hexachlorobenzene Hydrazine Lindane Malathion Malathion Malathion Acenaphthalene Acenaphthalene Benzo(a)pyrene Chrysene Chrysene Fluoranthene Benzo(a)h)anthracene Fluorene Phenalthion Phenalthion Phenalthion Phenalthion Phenalthion Pibenzo(a,h)anthracene Fluorene Phenol Chrysene Phenol Dibenzo(a,h)anthracene Fluorene Phenol	
B BASE CASE		Actonitrile Aldrin Aniline Arazine Benzaldehyde Benzaldehyde Benzoritrile Benzoritrile Benzoritrile Benzoritrile Benzoritrile Benzorhiazole Bis(2-ethylhexyl)phthala Carbazole 4-Chlorobiphenyl 4,4-Chlorobiphenyl Chlorocthane Dibenzofuran 1,2-Dichlorocthane Dibenzofuran 1,2-Dichlorocthane Dibenzofuran Mexachlorobenzene Hydrazine Lindane Malathion Methyl ethyl ketone 4-Methylphenol Monomethyl thydrazine Maphthalene Acenaphthalene Acenaphthalene Acenaphthalene Acenaphthene Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracen Fluoranthene Fluoranthene Phenanthrene	
118 119 120		252 133 133 133 133 133 133 133 133 133 13	

BM

117 B		8 K	BL	B
118 BASE CASE	. TABLE 15		1	
178 INORGANICS				
	2,61E-09	3.37E-14	2.65E-09	3.7
180 Cadmium	1.51E-11	1.95E-16	1.54E-11	1.98
	9.79E-11	1.26E-15	9.93E-11	1
183				
184				
185				
186				
187				
188	0.2 \$	oil/dust inges	stion rate (a	(dav)
189	15.5	15.5 Body weight (Kg)		
190	365 d	avs/vr		
191	365000 a	a/Ka*dav/vr		
192		of Man Sun		
193	EDI = Csoi[*SIR*EF/BW/CF	R*EF/BW/CF		

88	UMEDI ESTIMATED DAILY INTAKE mg/Kg/day	1.15E-14 1.78E-20 6.45E-16	3.99E-18 2.94E-16 1.43E-15	1.44E-16 3.14E-15	1.34E-18	6.45E-18	9.10E-19	3.26E-17	2.87E-17 3.30E-18	3.27E-20 8 65E-17	1.12E-13	1.52E-20 4.49F-20	5.55E-18	5.05E-18	5.94E-19	3.58E-17	1.43E-16	1.43E-16	2.8/E-16 2.87E-17	2.87E-16	2.87E-16	2.87E-17	1.12E-19 5.7/E-16	7-11E-20	3.52E-17	5.64E-19	3.23E-17	8.77E-18	1.39E-13 2.81E-19
BO	C Soil E CALCULATED ESTINCOLLATED ESTINCONC IN DA SOIL INT.	8.03E-09 1.25E-14 4.52E-10	2.79E-12 2.06E-10	1.01E-10 2.20E-09	9.37E-13 5.53E-13	4.52E-12	6.37E-13	2.28E-11	2.01E-11 2.31E-12	2.29E-14	7.82E-08	3.14F-14	3.88E-12	5.52E-12	4.16E-13	2.20E-09 2.51E-11	1.00E-10	1.00E-10	2.01E-10 2.01E-11		2.01E-10		7.82E-14	4.97E-14	2.47E-11	3.95E-13	2.26E-11	6.14E-12	9.72E-08
BP N ADULT	GE EDI ESTIMATED DAILY INTAKE mg/Kg/day	1.13E-14 1.76E-20 6.36E-16	3.93E-18 2.90E-16 1.41E-15	1.42E-16 3.10E-15	1.32E-18 7.79E-19	6.36E-18	8.97E-19	3.21E-17	2.83E-17 3.25E-18	3.22E-20	1.10E-13	1.50E-20	47E-	4.96E-18	.85E-	3,10E-15 3,53E-17	1.41E-16	1.41E-16	2.83E-16	2.83E-16	2.83E-16	2.83E-17	1.10E-19 5.66E-16	7.00E-20	3.47E-17	5.56E-19	1 715-17	8.64E-18	1.37E-13 2.77E-19
BO BP TABLE 16 SOIL INGESTION ADULT	C Soil C Soil CALCULATED (CONC IN SOIL .1M IN	7.92E-09 1.23E-14 4.45E-10	2.75E-12 2.03E-10 9.86F-10	9.93E-11 2.17E-09	9.24E-13 5.45E-13	4.45E-12	6.28E-13	2.25E-11	1.98E-11 2.28E-12	2.26E-14 5.07F-11	7.71E-08	3.10E-14	3.83E-12	5.47E-12 2.43E-08	4.10E-13	2.17E-09 2.47E-11	9.86E-11	9.86E-11	1.98E-10	1.98E-10	1.98E-10	1.98E-11	7.71E-14 3.06E-10	4.90E-14	2.43E-11	3.89E-13	1 105-11	6.05E-12	9.58E-08
ပ	18- Jun-91 14:39:23	ay.	ā	0 0	Benzothiazole Bis(2-ethylhexyl)phthalate	Line	henyl	ē	n oethane	enzene			l ketone	noi hydrazine		Naphthalene carbonitrile n-Nitrosodimethylamine DAHs	halene	hene	pyrene	Dibenzo(a,h)anthracene	hene		rene		oenzene		פחסיחפר	zene	Unsym. dimethyl hydrazine Vapona
B BASE CASE	STINGE	Acetonitrile Aldrin Aniline	Atrazine Benzaldehyde Benzofuran	Benzoic Acid Benzonitrile	Bis(2-ethylhe	Carbazole 4-Chloroaniline	4-Chlorobiphenyl	Chloroethane	1,2-Dichloroethane	Dieldrin Hexachlorobenzene	Hydrazine	Malathion	Methyl ethyl ketone	4-metnylphenol Monomethyl hydrazine	Naphthalene	Naphthalene carbonitri n-Nitrosodimethylamine pans	Acenaphthalene	Acenaphthene	benzo(a)pyrene Chrysene	Dibenzo(8	Fluoranthene	Fluorene	Pyrene	Parathion	Pentachlorobenzene	Phenol	Tetrachlorobenzene	Trichlorobenzene	Unsym. dimet Vapona
_	3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		135 135	137	139	141	143	145	140	148	150	152	153	155	156	158	160	161	163	164	165	901	168	169	170	171	173	174	175

			CONTAMINANT	CONTAMINANT CONCENTRATION IN GRAIN	IN GRAIN	ć	
		18-Jun-91 14:39:23	SALA	C SOLU MAXIMUM CALCULATED CONC IN SOIL .2M	PUF PLANT UPTAKE FACTOR	CU AVERAGE CALCULATED CONC. IN GRAIN mg/Kg	Cu MAXIMUM CALCULATED CONC. IN GRAIN mg/Kg
	20114000		DA VOIL	64/SIII			
- "	Acetonitrile		2 475.00			10 727 67	•
	Aldrin		3 675-15	3 736-15	1 005-02	7 20E-19	
	Aniline		1.33E-10			1 565-00	1 585-10
	Atrazine		8.22E-13			8.92F-13	
	Benzaldehyde		6.06E-11			3.27E-10	
	Benzofuran		2.95E-10			3.24E-10	
	Benzoic Acid		2.97E-11			9.50F-11	
	Benzonitrile		6.47E-10			3.14E-09	
	Benzothiazole		2.76E-13			7.33E-13	
	Bis(2-ethylhexyl)phthalate)phthalate	1.63E-13			5.48E-17	
	Carbazole		1.33E-12			6.39E-13	
	4-Chloroaniline		7.62E-14			2.57E-13	
	4-Chlorobiphenyl		1.88E-13			1.05E-14	
	4,4-Chlorobiphenyl	×-	9.44E-15			2.13E-16	
	Coroethane		6.72E-12		5.32E+00	3.58E-11	
	0 Denzoruran	1	5.91E-12			9.38E-13	
	1,2-Dichoroethane	e	0.61E-13			3.67E-12	
	Dietar in		1 705 11			6.65E-17	
	Hydraz ina	ט	2 205-08		2.01E-UZ	4-66E-15	
	indane		3 13F-15	7 18F-15	7/E-01	7.46E-U5	
	Malathion		9.26E-15		8 20F-01	7 505-15	7 705-15
	Methyl ethyl ketone	one	1.14E-12		2,75F±01	3 14F-11	
	4-Methylphenol		1,04E-12		2.92E+00	3.03F-12	
	Monomethyl hydrazine	zine	7.26E-09		2.38E+03	1.735-05	
	Naphthalene		1.22E-13		4.44E-01	5.43E-14	
	Naphthalene carbonitrile	onitrile	6.47E-10	6.57E-10	4.44E-01	2.87E-10	
	n-Nitrosodimethylamine	lamine	7.39E-12	7.49E-12	9.65E+01	7.13E-10	
	Acenanhthalene	a	2 OSE-11	2 005-11	4 70E 04	200 2	1
	Acenanhthene	,	2 OSE-11	2 005-11	2 07E 01	2.00E-12	2.0.0
	Renzo(a)nyrene	a	5 01F-11	6 00E-11	7 255-02	0.115-12	0.196-12
	Chrysene	,	5 015.12	6 00E-12	1 745-03	4.335-13	4.4
	Dibenzo(a h)anthracene	othracana	5 015.11	6 00E-11	1 - 1 IE - 02	7.01E-13	120.1
	Fluoranthene		5 015-11	6 00E-11	2 45E-03	2 445 42	2.70
	Elionone		F 04E-12	4 005	30.20.0	21 - 101 - 2	
	Dhananthrone		2 205 1	2 2/5 1	1. IZE-UI	0.05E-15	6.73
	Dyrone		1 185.10	1 205-14	20-10E-02	Z. UUE- 15	2.05
	Darathion		1 /75-1/	1 705-10	30-300-0	7 -22- 12	4.02
	Pontachi orchonzone	9	7 245-12	7 275 19	7, 701 03	3.32E-13	3.56
	Dhenol	2	1 165-12	1 195.12	4.405-02	3.20E-13	2.64
	Oninoline		6 445-13	725-13	2 507:00	0.455-15	0.05
	Tetrachlorobenzene	٩	3 57F-12	Z 42E-12	1 1/5-01	1. CEE- 11	
	Trichlorobonzone	2	2012	1 025 12	10-14-0-	4.035-13	- 1
	cutoroperizere	odinadovi	2 94E-12	2 045 00	1.91E-01	5.46E-15	3.51
	Unsyllis dilletinyt nydrazine	lyar az ine	5 20E-18	2.91E-US	9.85E+02	2.82E-05	2.86
	200			***************************************			

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33	BASE CASE	TABLE 17				
62	INORGANICS					
63	Arsenic	7.80E-10	7.92E-10	3.30E-03	2.57E-12	2.61E-1
75	Cadmium	4,52E-12	-	1.00E-01	4.52E-13	4.59E-13
65	Mercury	2.93E-11		2.00F-01	5.85F-12	5.94F
266						
29						
89		Cgrain = Csoil*RU	*RUF			

BASE CASE CONTAMINANT C	C soil 18-Jun-91 AVERAGE 14:39:23 CALCULATED CONC IN SOIL .2M mg/Kg	Actonitrile Aldrin Aniline Atrazine Benzaldehyde Benzaldehyde Benzoic Acid Benzoic Acid Benzothiazole Carbazole Carb
J K TABLE 18 CONTAMINANT CONCENTRATION IN	C soil MAXIMUM CALCULATED D CONC IN SOIL .2M mg/Kg	2.40e-09 8.34e-15 8.34e-16 8.34e-17 6.57d-10 1.35e-10 1.35e-10 1.35e-10 1.35e-10 1.35e-12 1.36e-13 1.36e-13 1.36e-12 1.37e-10 1.36e-11 1.36e-12 1.37e-10 1.37e-10 1.37e-10 1.37e-12 1.37e-12 1.37e-13 1.37e-13 1.37e-13 1.36e-13
L N HAY mg/Kg	D DRY DEPOSITION F RATE 9/M2/yr	5.76E-11 7.76E-12 7.22E-17
Σ	PUF PLANT UPTAKE FACTOR	6.13E+01 1.99E+03 1.17A+01 1.09E+00 3.39E+00 4.36E+00 5.66E+00 5.66E+00 5.35E+00 1.59E-01 1.59E-01 6.61E-02 2.92E+00 2.92E+00 4.44E-01 4.46E-02 3.65E-02 1.72E-01 4.44E-01 6.61E-02 5.35E-03 1.72E-01 6.61E-03 5.35E-03 1.76E-01 4.46E-01 6.61E-02 5.55E-03 1.76E-01 7.35E-03 1.76E-01 7.35E-03 1.76E-01 7.46E-01 7.55E-00 1.76E-01 7.55E-00 1.76E-01 7.55E-00 1.76E-01
z	Cu AVERAGE CONC. DUE TO UPTAKE mg/Kg	1.45E-07 1.56E-09 3.27E-10 3.27E-10 3.26E-10 3.26E-10 5.48E-17 6.53E-13 3.58E-11 1.49E-15 6.55E-13 3.08E-12 1.73E-06 1.49E-15 5.08E-12 6.51E-12 6.51E-12 6.53E-13 7.55E-13
0	CU MAXIMUM CONC, DUE TO UPTAKE mg/Kg	7.47E-07 7.46E-18 3.331E-10 3.64E-11 7.44E-09 7.44E-09 7.44E-09 7.44E-13 7.56E-09 7.56E-17 7.56E-09 7.56E-09 7.56E-09 7.56E-05 7.56E-09 7.56E-05 7.
۵.	CS AVERAGE CONC. ON PLANT SURFACE mg/Kg	2.30E-10 2.30E-10 3.53E-12 3.53E-12 3.53E-12 3.53E-12 3.53E-12 3.53E-12 3.53E-12 3.70E-14 4.13E-14 4.26E-13 3.29E-16 5.70E-16 5.70E-16 5.70E-16 5.70E-16 5.70E-16 5.70E-16 7.50E-17 3.25E-12 3.25E-12 3.25E-13
G	CS MAXIMUM CONC. ON PLANT SURFACE mg/Kg	4,55E-09 7,06E-15 7,06E-15 1,58E-10 1,58E-10 5,56E-10 5,76E-10 5,76E-10 1,24E-09 1,24E-10 1,14E-11
~	C hay AVERAGE CALCULATED CONC IN HAY mg/Kg	2.09E-16 2.09E-16 3.30E-10 3.40E-10 3.40E-10 3.40E-10 3.66E-11 3.66E-11 3.66E-11 3.66E-11 3.66E-11 3.66E-11 3.66E-12 3.61E-11 3.61E-12 3.61E-
Ø	C hay MAXIMUM CALCULATED CONC IN HAY mg/Kg	7.07E-15 2.48E-10 2.48E-10 4.48E-10 1.53E-10 3.13E-10 3.13E-10 3.77E-12 5.03E-14 7.55E-05 7.55E-05 7.55E-10 7.55E-10 7.55E-10 7.55E-11 7.57E-10 7.57E-10 7.57E-10 7.57E-10 7.57E-10 7.57E-10 7.57E-10 7.57E-10 7.57E-10 7.57E-10 7.57E-10 7.57E-10 7.57E-10 7.57E-10 7.57E-10 7.57E-10 7.57E-10 7.57E-10 7.57E-11 7.57E-10 7.57E-11 7.57E-10 7.57E-11

w	1.66E-09 1.12E-11 6.31E-11			
œ	1.99E-10 2.74E-12 8.34E-12			
ø	1.50E-09 8.70E-12 5.62E-11		Ĺ	
Δ	4.29E-11 2.48E-13 1.61E-12	/Kg	t) tion*mgg/secy	
0	1.58E-10 2.52E-12 6.83E-12	6.35E-01 r hay 5.78E-07 k hay, 1/s 2.72E+06 t hay, s 3.50E-01 Y hay, Kg/M2 2.49E+06 SDF hay, sec*mg/Kg 3.15E+07 sec/yr 1.00E+03 mg/g	-kt SDF = r*(1-e) Y*k Cs = SDF*Deposition*mgg/secyr	Cu = RUF*Csoil C hay ≃ Cs+Cu
z	1.56E-10 2.49E-12 6.73E-12	6.35E-01 r hay, 5.78E-07 k hay, 2.72E+06 t hay, 3.50E-01 Y hay, 2.49E+06 SDF hay, 3.15E+07 sec/yr	S S	ວິວ
Ξ	2.00E-01 5.50E-01 2.30E-01			
	1.90E-11 1.10E-13 7.12E-13			
¥	7.92E-10 4.59E-12 2.97E-11			•
J TABLE 18	7.80E-10 4.52E-12 2.93E-11			
ပ				
BASE CASE	Arsenic Cadmium Mercury			
202 E 203	263 264 265	267 269 270 271 273 273	275 275 277 278 279	280 281

HYDRAZINE WASTESTREAM 18-Jun-91
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	18-Jun-91 AV 14:39:23 CALC CO S	Aniline Arazine Atrazine Benzaldehyde Benzaldehyde Benzofuran Benzofuran Benzofuran A.4-Chlorobiphenyl A,4-Chlorobiphenyl A,4-Chlorobiphenyl Chlorobiphenyl A,4-Chlorobiphenyl Benzofuran A,4-Chlorobiphenyl Adalathion Analathion Analathion Analathion Acenaphthalene Acenaphthalene Acenaphthalene Acenaphthalene Acenaphthalene Acenaphthalene Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Fluorene Pyrene Pyr
CONTRACT CONCENTRALION	C soil C soil AVERAGE MAXIMUM CALCULATED CALCULATED CONC IN CONC IN SOIL .2M .2M .2M mg/Kg mg/Kg	2.37e-09 3.67e-15 1.33e-10 8.22e-13 8.22e-13 6.06e-11 6.07e-10 6.01e-10
ON THE COMM STEAM	D DRY D DEPOSITION RATE 9/M2/yr	2.76E-17 3.24E-17 1.0 3.24E-17 1.0 3.24E-17 1.1 7.77E-12 1.2 2.30E-15 1.3 3.24E-14 1.4 6E-15 1.5 6E-16 1.5 6E-16 1.5 6E-16 1.5 6E-16 1.6 6E-17 1.6 6E-17 1.6 6E-17 1.7 6E-17 1.7 7E-10 1.7 7E-10
ar may na	PUF PLANT UPTAKE FACTOR	6.13E+01 1.99E-03 1.17E+01 1.09E+00 3.39E+00 3.39E+00 3.36E-04 4.81E-01 3.36E-04 4.74E-01 2.92E+01 2.92E+01 2.92E+01 2.92E+01 2.92E+01 2.92E+01 3.36E-03 4.74E-01 2.92E+01 2.92E+01 3.36E+01 4.74E-01 3.66E+01 3.66E+01 4.74E-01 5.66E+01 5.66E+01 6.75E+01 7.75E+01 7.75E+01 7.75E+01 7.75E-01
	Cu AVERAGE CONC.DUE TO UPTAKE mg/Kg	1.45E-07 7.29E-18 8.92E-18 3.27E-10 9.25E-10 7.33E-10 7.33E-11 6.55E-17 7.33E-13 7.33E-11 7.35E-15 7.55E-15
	CU MAXIMUM CONC.DUE TO UPTAKE mg/Kg	1.47e-07 1.58e-09 3.31e-10 3.52e-11 3.56e-11 3.66e-11 3.66e-17 4.77e-13 1.56e-17 5.56e-17 7.76e-13 7.76e-15 6.19e-12 6.73e-13 7.76e-13
	CS AVERAGE CONC. ON PLANT SURFACE mg/Kg	2.21e-11 7.66e-15 7.66e-15 2.75e-13 6.03e-14 6.03e-14 6.03e-14 6.03e-14 6.03e-14 6.03e-14 6.03e-14 6.03e-14 6.03e-14 6.03e-14 6.03e-14 6.03e-14 6.03e-14 6.03e-14 6.03e-14 6.03e-15 6.03e-14 6.03e-15 6.03e-15 6.03e-15 6.03e-15 6.03e-15 6.03e-15 6.03e-15 6.03e-15 6.03e-15 6.03e-15 6.03e-15 6.03e-15 6.03e-15 6.03e-15 6.03e-15 6.03e-15
	CS MAXIMUM CONC. ON PLANT SURFACE mg/Kg	7.726. 7.726.
	C corn AVERAGE CALCULATED CONC IN CORN SILAGE mg/Kg	1.45E-07 1.55E-17 2.52E-13 2.52E-10 3.52E-10 3.52E-10 3.52E-10 3.52E-13 3.54E-13 3.55E-
	C COCH MAXIMUM CALCULATED CONC IN CORN SILAGE	1.48 1.621 1.621 1.621 1.621 1.621 1.621 1.621 1.621 1.621 1.621 1.621 1.621 1.621 1.621 1.621 1.621 1.621 1.621 1.631 1

BASE CASE	Arsenic Cadmium Mercury		
ပ			
U TABLE 19	7.80E-10 4.52E-12 2.93E-11		
>	7.92E-10 4.59E-12 2.97E-11		
3	1.90E-11 1.10E-13 7.12E-13	4.40E-01 r corn 5.78E-07 k corn, 1/s 1.12E+07 t corn, s 1.80E+00 Y corn, Kg/k 4.22E+05 SDF corn, se 3.15E+07 sec/yr 1.00E+03 mg/g	8 83.
×	2.30E-01 1.50E-01 2.20E-02	4.40E-01 r corn 5.78E-07 k corn, 1/s 1.12E+07 t corn, s 1.80E+00 Y corn, Kg/M2 4.22E+05 SDF corn, sec/mg/Kg 3.15E+07 sec/yr 1.00E+03 mg/g	SDF = r*(1-e) Y*k Cs = SDF*Depositi
>-	1.79E-10 6.79E-13 6.44E-13	g/Kg	SDF = r*(1-e) r*k CS = SDF*Deposition*mgg/secyr Cu = RUF*Csoil
7.	1.82E-10 6.88E-13 6.53E-13		<u> </u>
AA	7.27E-12 4.22E-14 2.73E-13		
АВ	2.55E-10 1.48E-12 9.55E-12		
AC	1.87E-10 7.21E-13 9.16E-13		
AD	4.37E-10 2.16E-12 1.02E-11		

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CONTRACTOR CONCENTRALION	C soil C s 18-Jun-91 AVERAGE MAX 14:39:23 CALCULATED CALCU CONC IN CON SOIL SC SOIL SC 1H .11	7.92E-09 1.03E-14 4.45E-12 2.75E-12 2.75E-12 2.03E-10 9.98E-10 9.98E-13 2.25E-14 2.26E-12 2.26E-14 3.16E-14 2.47E-19 Inserine 2.47E-11 9.86E-11 9.86E-11 1.98E-11	Tetrachlorobenzene 1.19E-11 1.2 Trichlorobenzene 6.05E-12 6.
2	C SOIL D MAXIMUM DRY CALCULATED DEPOSITION CONC IN RATE SOIL 9/M2/yr .1M mg/Kg	8.03E-09 1.05E-14 4.52E-10 1.05E-17 2.79E-12 1.00E-09 3.62E-12 1.00E-09 3.62E-13 2.20E-09 3.52E-13 2.20E-09 3.53E-13 2.20E-09 3.53E-13 3.39E-15 2.20E-17 2.20E-17 3.20E-17	59E-1
l Ng	PUF PLANT UPTAKE FACTOR	6.13E+01 1.09E+00 1.17E+01 1.09E+00 3.38E+00 5.38E+00 5.38E+00 5.38E+00 5.38E+00 5.38E+00 5.38E+00 5.38E+00 5.38E+00 7.38E+01 7.3	
	Cu AVERAGE CONC.DUE TO UPTAKE mg/Kg	4.85E-07 2.44E-17 2.24E-17 1.09E-09 1.09E-09 1.08E-09 2.45E-12 1.08E-09 3.14E-12 1.23E-14 1.05E-10 1.05E-10 1.67E-12 1.56E-12 1.56E-12 1.67E-12	1.36E-12
	CU MAXIMUM CONC.DUE TO UPTAKE mg/Kg	22	38E-1
	CS AVERAGE CONC. ON PLANT SURFACE mg/Kg	1.05E-10 2.68E-16 2.68E-16 2.68E-16 1.31E-17 2.08E-17 2.08E-17 2.08E-17 2.08E-17 2.08E-17 2.08E-17 2.08E-17 2.08E-17 2.08E-17 2.08E-17 2.08E-17 3.20E-17	58E-1
	CS MAXIMUM CONC. ON PLANT SURFACE mg/Kg	3.67E-09 5.69E-15 6.39E-11 6.39E-11 6.39E-11 6.39E-11 6.39E-11 6.39E-11 6.39E-11 6.39E-11 6.39E-11 6.39E-11 6.39E-11 6.39E-11 6.39E-11 6.39E-11 6.39E-11 6.39E-11 6.39E-11 6.39E-12 6.39E-13 6.39E-11 6.39E-12 6.39E-13 6.39E-	.53E-
	C grass AVERAGE CALCULATED CONC IN GRASS mg/Kg	4.88Fe-07 1.87Re-16 3.02E-12 3.02E-12 3.10E-09 3.10E-09 3.10E-12 5.21E-16 5.21E-16 5.21E-16 5.21E-16 5.21E-16 5.21E-16 7.40E-15 7.20E-10	£- £
	C grass MAXIMUM CALCULATED CONC IN GRASS Mg/Kg	4.96e-07 4.30e-12 1.50e-09 3.66e-09 3.66e-09 3.66e-09 3.66e-09 3.66e-09 4.03e-12 2.92e-12 3.26e-13 3.26e-13 3.26e-13 3.26e-13 3.26e-13 3.26e-13 3.26e-13 3.26e-13 3.26e-14 4.01e-14 4.01e-14 5.86e-13 3.26e-13 3.26e-13 3.26e-13 3.26e-14 4.01e-14 4.01e-14 6.26e-13 3.26e-13	

AO	1.24E-09 1.55E-11 1.04E-10			
AN	6.85E-11 8.53E-12 5.91E-11			
АМ	1.21E-09 7.01E-12 4.54E-11			
AL	3.46E-11 2.00E-13 1.30E-12	K t t t t t t t t t t t t t t t t t t t		
AK.	3.44E-11 8.45E-12 5.86E-11			٤
ΑJ	3.39E-11 8.33E-12 5.78E-11	6.71E-02 r grass 5.78E-07 k grass, 1/s 3.02E+06 t grass, s 2.41E-02 Y grass, Kg/M2. 3.97E+06 SDF grass, sec*mg/kg 3.15E+07 sec/yr 1.00E+03 mg/g		Cs = SDF*Deposition*mgg/secyr Cu = RUF*Csoil C grass = Cs+Cu
AI	1.30E-02 5.50E-01 5.90E-01	6.71E-02 r gras 5.78E-07 k gras 3.02E+06 t gras 2.41E-02 Y gras 3.97E+06 SDF gr 3.15E+07 sec/yr 1.00E+03 mg/g	.kt SDF = r*(1-e Y*k	Cs = SDF*Deposi Cu = RUF*Csoil C grass = Cs+Cu
АН	9.59E-12 5.56E-14 3.60E-13		S	ပ်ပေ
AG	2.65E-09 1.54E-11 9.93E-11			
AF TABLE 20	2.61e-09 1.51e-11 9.79e-11			
ပ				
BASE CASE	Arsenic Arsenic Cadmium Mercury			
202 1 203	265 264 265 265 265	252 272 273 273 273 273 273	275 275 276 277 277 278	279 280 281

BASE CASE C TABLE 21 MILK INGESTION	C diet 18-Jun-91 AVERAGE 14:39:23 CALCULATED CONC IN DIET (milk) mg/Kg	itrile	Aniline 1 40F-00	ø	de		Benzonitrile 2 Aze.no	ø	ylhexyl)phthalate	Carbazole 5.90E-13		ıyı		0.11E-13	Dieldrin 1,36E-16		96	Lindane 1.3/E-15 Malathion 6 03E-15	hyl ketone			carbonitrile	trosodimethylamine	Aconambthalone / 87E-12		pyrene		Dibenzo(a,n)anthracene i.uze-12 Eluoranthene 2 415.12		rene	Pyrene 5.43E-12	5.33E-15 Pentachlorobenzene 3.60E-13		ine	ne	Unsym. dimethy(hydrazine 2.54F-05
AR AS - AVERAGE	DUFM TC DIET TRANSFER UPTAKE COEFFICIENT MILK MILK Unitless Day/Kg	3.72E-09	2.04E-01	3.89E-06	2.45E-07	3.80E-06	5.03E-07	8.326-07	4.37E+00	1.58E-05	5.50E-07	3,095-03	2.51E-07	1.07E-04	1.295-02	2.40E-03	6.76E-12	1.626-05	1.48F-18	7.08E-07	6.76E-12	1.82E-05	1.70E-09	7	6.76E-05	2.146-02	5,01E-03	2.57E-02	1.956-03	3.02E-04	1.23E-03	5.25E-U5 0 77E-02	2.346-07	8.71E-07	1.916-04	7.76E-U5
AT	C milk C AVERAGE CALCULATED CA CONC IN MILK M	1.09E-14	2.19E-16	7.09E-17	1.62E-15	2.52E-14	1.16E-15	1.24E-17	1.84E-13	2.10E-16	2.8/E-18	2.07E-17	1.82E-16	2.19E-15	3.92E-17	3.34E-14	7.48E-15	5.00E-19	9.52E-18	4.35E-17	2.36E-15	1.09E-13	2,45E-17	77.77	8.84E-15	5.07E-13	1.77E-14	5.87E-13	2. ONE-15	1.40E-17	1.50E-13	3.92E-18	3.05E-18	3.05E-16	1.73E-15	3./8E-10
ΑU	C milkfat AVERAGE CALCULATED CONC IN MILK FAT mg/Kg																																			
٩٨	EDI ADULT AVERAGE ESTIMATED DAILY INTAKE mg/Kg/day	2.37E-18	4-78E-20	1.54E-20	3.54E-19	5.49E-18	2.55E-19	2.70E-21	4.02E-17	4.58E-20	6.24E-22	4.50E-21	3.96E-20	4.77E-19	8.55E-21	7.27E-18	1.63E-18	1.09E-22	2 USE-21	9.47E-21	5.14E-19	2.37E-17	5.33E-21	2 225 40	1.93E-18	1.10E-16	3.85E-18	1.28E-16	6 325-10	3.05E-21	3.27E-17	8.54E-22	6-65E-22	6.63E-20	3.77E-19	7 8/5-18
AW	EDI CHILD AVERAGE ESTIMATED DAILY INTAKE mg/Kg/day	1.37E-	2.76E-	8.92E-	2.04E-	3.17E-	1.46E-	1.56E-2	2.32E-1	2.64E-1	5.67E-2	2.60E-2	2.29E-1	2.76E-18	4.94E-2	4.20E-1	9.42E-1	6.29E-2	1.18F-2	5.47E-2	2.97E-1	37E-1	3.08E-20	4 705 4	1.116-1	6.38E-1	2.23E-1	7.38E-1	3 65F-1	1.76E-2	1.89E-16	4.95E-2	3.84E-2	3.83E-1	2,18E-18	7.2/E-1

AM	1.17E-14 2.41E-17 6.15E-17		ul grain DI hav	I grass	I corn	-		Rm	Rmf		5	
AV	2.02E-15 4.18E-18 1.06E-17	•	00		۵	S	J	5				
AU		70101	TIUIAL	TOTAL	E % of TOTAL	INTAKE		ER DAY Kg/day	AT PER DAY Kg/day	FRACTION OF MILK CONSUMED FROM RURAL SOURCE		(SI*DI GRASS))
AT	9.28E-12 1.92E-14 4.89E-14	8	HAY % of To	GRASS % of	CORN SILAG	% OF GRASS	KE Kg/day	E OF MILK P	E OF MILK F	K CONSUMED		GRASS))/(1+
AS	6.00E-03 1.00E-03 4.50E-04	-	DAILY INTAKE OF GRAIN % OF TOTAL	DAILY INTAKE OF	DAILY INTAKE OF	SOIL INGESTION % OF GRASS INTAKE	TOTAL FEED INTAKE Kg/day	0.39 CONSUMPTION RATE OF MILK PER DAY Kg/day	CONSUMPTION RAT	FRACTION OF MIL	BODY WEIGHT Kg)+(C soi[*SI*DI
AR		CHILD						0.39	0.016	0.05	15.5	feedx*DIx
AQ TABLE 21	6.89E-11 8.54E-13 4.84E-12	ADULT	0.175	0	0.175	0.02	22.45	0.305	0.011	0.05	20	C diet = (SUM(C feedx*DIx)+(C soi[*SI*D] GRASS))/(1+(SI*D] GRASS))
ပ												
	Arsenic Cadmium Mercury											
202	264 264	267	569	270	271	272	273	274	275	276	277	279

C diet = (SUM(C feedx*DIx)+(C soil*SI*DI GRASS))/(1+(SI*DI GRASS))

CASE CASE TABLE 22 MILK INGESTION	C diet 18-Jun-91 MAXIMUM 14:39:23 CALCULATED CONC IN DIET (milk) mg/Kg	AMICS Acetonitrile Aldrin Aniline Ariline Arrazine Benzaldehyde Benzaldehyde Benzaldehyde Benzoic Acid Benzoritrile Griborosthane Dibenzoritran JDichlorobiphenyl S.55E-13 Bis(2-ethylhexyl)phthalate Griborosthane Dibenzoritran JDichloroethane Diedrin Benzoritrile JDichloroethane JBichloroethane JBi	robenzene robenzene oenzene
AZ ION - MAXIMUM	DUFM DIET UPTAKE MILK Unitless		
ВА	TC TRANSFER COEFFICIENT MILK Day/Kg	3.72E-09 3.89E-06 2.45E-07 3.89E-06 6.03E-07 4.37E+00 1.58E-05 5.50E-07 6.76E-03 6.76E-03 6.76E-03 1.70E-09 1.70E-09 1.70E-09 1.70E-05 1.70E-05 1.70E-05 1.70E-05 1.70E-05 1.70E-05 1.70E-05 1.70E-05 1.70E-05 1.70E-05 1.70E-05 1.70E-05 1.70E-05 1.70E-05 1.70E-05	2.77E-04 2.34E-07 8.71E-07 1.91E-04 7.76E-05
88	C milk MAXIMUM CALCULATED CONC IN MILK mg/Kg	6.666-15 2.166-15 2.166-15 3.526-14 1.336-15 1.336-15 1.996-17 1.996-17 1.996-17 1.996-17 1.996-17 1.996-17 1.996-17 1.596-17 1.596-17 1.596-17 1.596-17 1.596-17 1.596-17 1.596-17 1.596-17 1.596-17 1.596-17 1.596-17 1.596-17 1.596-17 1.596-17 1.596-17 1.596-17 1.596-17 1.666-13 1.666-13 1.666-13 1.666-13 1.666-13 1.666-13 1.666-13 1.666-13	3.33E-14 3.59E-16 7.59E-15 1.79E-15
BC	C milkfat MAXIMUM CALCULATED CONC IN MILK FAT mg/Kg		
80	EDI ADULT MAXIMUM ESTIMATED DAILY INTAKE INTAKE	2.42E-18 4.65E-19 7.66E-19 7.66E-19 7.66E-18 7.56E-18 7.56E-18 7.37E-20 7.37E-20 7.37E-21 7.37E-21 7.37E-21 7.37E-21 7.37E-21 7.37E-21 7.57E-19 8.73E-21 7.67E-19 8.73E-21 7.55E-18 8.73E-21 7.55E-18 8.73E-21 7.55E-18 8.73E-21 7.55E-18 8.73E-21 7.55E-18 8.73E-21 7.55E-18 8.73E-21 7.55E-18 8.73E-21 7.55E-18 8.73E-21 7.57E-16 8.73E-17 9.73E-17 9.73E-17 9.73E-17 9.73E-17 9.73E-17 9.73E-17 9.73E-17 9.73E-17 9.73E-17 9.73E-17 9.73E-17 9.73E-17 9.73E-17 9.73E-17 9.73E-17 9.73E-17 9.73E-17	1.51e-17 7.26e-22 7.82e-20 1.65e-18 3.90e-19
BE	EDI CHILD MAXIMUM ESTIMATED DAILY INTAKE	1.40E-17 8.37E-18 8.37E-18 2.23E-18 4.42E-17 1.67E-18 4.26E-17 7.91E-12 7.91E-12 7.91E-12 7.91E-12 7.91E-12 7.91E-12 7.91E-12 7.91E-12 7.91E-12 7.91E-12 7.91E-12 7.91E-12 7.91E-12 7.91E-12 7.91E-12 7.91E-12 7.91E-12 7.91E-12 7.92E-14 7.92E-14 7.92E-14 7.92E-17	8.69E-17 4.19E-21 4.51E-19 9.55E-18

000		1								
202 203 203 203 203	B BASE CASE INORGANICS	ပ	AY TABLE 22	AZ	ВА	88	28	08	BE	
263	Arsenic		3.68E-10		6.00E-03	4.96E-11		1.08E-14	6.24E-14	
564	Cadmium		2.59E-12		1.00E-03	5.82E-14		1.27E-17	7.33E-17	
265	Mercury		1.61E-11		4.50E-04	1.63E-13		3.54E-17	2.04E-16	
267			ADULT	CHILD						
268			0.55		ILY INTAKE OF	GRAIN % of 1	OTAL	[0	qrain	
569			0.175	DA	ILY INTAKE OF	DAILY INTAKE OF HAY % of TOTAL	_	0	hay	
270			0	DA	ILY INTAKE OF	GRASS % of TC	TAL	DI	grass	
271			0.175	DA	ILY INTAKE OF	DAILY INTAKE OF CORN SILAGE % of 1	of TOTAL	IQ	corn	
272			0.02	SO	SOIL INGESTION % OF GRASS I	% OF GRASS INT	AKE	SI		
273			22.45	2	TOTAL FEED INTAKE Kg/day	KE Kg/day		_		
274			0.305	0.39 CO	NSUMPTION RAT	0.39 CONSUMPTION RATE OF MILK PER DAY Kg/day	DAY Kg/day	3		
275			0.011	0.016 CO	NSUMPTION RAT	E OF MILK FAT	PER DAY Kg/day		?mf	
276			0.05	0.05 FR	ACTION OF MIL	K CONSUMED FRO	FRACTION OF MILK CONSUMED FROM RURAL SOURCE			
277			02	15.5 AD	ADULT WEIGHT Kg				13	
279			C diet = (SUM(C feedx*DIx)+(C soil*SI*DI GRASS))/(1+(SI*DI GRASS))	feedx*DIx)+(C soil*SI*DI	GRASS))/(1+(SI	*DI GRASS))			
280			C milkfat = DUFm*C diet (dioxins)	*C diet (dio	xins)		•			

203 BAS 204 205	200 200 200 200 211 211 212 213	ORGA											7-4	4.4														244 A					6 . (α.	4 6	Dont	Phenol	Quin	Tetr	Tric	Unsym.
BASE CASE		S	Acetonitrile	Aldrin	Atrovino	Benzaldehyde	Benzofuran	Benzoic Acid	Benzonitrile	Benzothiazole	818(2-ethylnexyl)phthalate	k-rhiorospiline	4-Chlorobiphenyl	4,4-Chlorobiphenyl	Chloroethane	Dibenzofuran	1,2-Dichloroethane	Dieldrin	nekaciiloropenzene Hvdrazine	Lindane	Malathion	Methyl ethyl ketone	4-Methylphenol	Monomethyl hydrazine	Naphthalene			Acenaphthalene	Acenaphthene	Chrysene	Dibenzo(a.h)anth	Fluoranthene	Fluorene	Phenanthrene	Pyrene	icii iori achi orobonzon	Phenol	Quinoline	Tetrachlorobenzene		m. dimethyl hyd
	18-Jun-91 14:39:23										pnthatate			~			ē					ne		ine	2.42.	Amine)				thracene						ט		Φ		ydrazıne
TABLE 23 BEEF INGESTION	C diet AVERAGE CALCULATED CONC IN DIET (beef) mg/Kg		1.30E-07	1.84E-17	8 05E-17	2.94E-10	2.93E-10	8.56E-11	2.82E-09	6.61E-13	5.73E-16	2 325-12	1.01E-14	2.22E-16	3.22E-11	8.63E-13	3.30E-12	8.15E-17	6 07E-05	1.35E-15	6.86E-15	2.83E-11	2.73E-12	1.55E-05	4.73E-14 2.41E-10	6.41F-10		4.59E-12	5.59E-12	1 10F-13	5.42E-13	2,13E-12	6.16E-13	1.88E-15	4.48E-12	2 115-12	5 705-13	1.55E-11	3.76E-13	3.17E-13	2.54E-U5
- AVERAGE	DUFb DIET UPTAKE BEEF Unitless																																								
	TC TRANSFER COEFFICIENT BEEF Day/Kg		1.15E-08	6.31E-01	1 20E OF	7.59F-07	1.17F-05	1.86E-06	9.12E-07	2.57E-06	1.35E+01	4.90E-05	2 DOF-03	9.55E-03	7.76E-07	3.31E-04	7.59E-07	3.98E-02	7.41E-US	5.016-05	1.95E-05	4.57E-08	2.19E-06	2.09E-11	5.62E-U5	5 256-00	20 1011	2.95E-04	2.09E-04	0.01E-UZ	7.94F-02	4.17E-03	6.03E-04	9.33E-04	3.80E-03	2 025-04	7 245-07	2.69E-06	5.89E-04	2.40E-04	9-55E-11
	C beef AVERAGE CALCULATED CONC IN BEEF mg/Kg		1.94E-14	1.50E-16	3.02E-15	2 80F-15	4.46F-14	2.07E-15	3.34E-14	2.20E-17	1.00E-13	3.00E-10	2 KNF-16	2.75F-17	3.24E-16	3.71E-15	3.25E-17	4.21E-17	4.38E-14	8 7KF-10	1.73E-18	1.68E-17		4.21E-15		1.90E-15	3	1.76E-14	1.51E-14	2 20E-15	5.58F-13	1.15E-13	4.81E-15	2.27E-17	2.21E-13	1 225 18	1.44E-14	5. 47F-16	2.87E-15	9.86E-16	3.15E-14
	C beeffat AVERAGE CALCULATED CONC IN BEEFFAT mg/Kg																																								
	EDI ADULT AVERAGE ESTIMATED DAILY INTAKE mg/Kg/day		9.30E-19	7.19E-21	1.73E-19	1 28E-10	2 135-19	9.89E-20	1.60E-18	1.05E-21	4.79E-18	1.76E-20	1 2/6-20	1 325-21	1.55E-20	1.77E-19	1.56E-21	2.01E-21	2.19E-18	0.40E-19	8.30F-23	8.03E-22	3.70E-21	2.02E-19	1.72E-21	9.09E-18	מאם	8.41E-19	7.25E-19	2.38E-17	1.00E-18	5.52E-18	2.30E-19	1.09E-21	1.06E-17	5.25E-22	5.85E-19 2.40E-22	2 505-20	1.38E-19	4.72E-20	1.51E-18
	EDI CHILD AVERAGE ESTIMATED DAILY INTAKE mg/Kg/day		2.32	1.79E-20	4.53	10C.1	7.4.7	2.47	3.99	2.63	1.20	4.59	40.09	7 28 2	3.87	4.43	3.88	5.02E	5.47	1.0%	2.02	2.00E	9.23E	5.03E	4.29E	Z.2/E-1/	3.2.6	2.10E	1.81E	5.94E	4.03E	1.38E	5.74E	2.71E	2.64E	8.06E	1.455	D.00	3,43E-19	1.18E-	3.75E

ن	BASE CASE TABLE 23	Arsenic														
ပ	TABLE 2	11.6	5.3	5.5												
	TABLE 2	2.1	5.3	5.												
BG	2	(F.11	SE-13	5.14E-12	ADULT	0.8	0.02	0	0.05	0.02	12.97	290.0	0.015	0.05	2	•
ВН					CHILD							0.037	0.009	0.05	15.5	12.4
BI		2 005-02	5.50F-04	2.50E-01		DAILY INTAKE OF	DAILY INTAKE OF HAY % of TOTAL	DAILY INTAKE OF	DAILY INTAKE OF	SOIL INGESTION % of GRASS INTAKE			CONSUMPTION RAT			
BJ		F K/E-12	3 81E-15	1.67E-11		F GRAIN % of	F HAY % of TO	F GRASS % of	F CORN SILAGE	% of GRASS II	4KE Kg/day	TE OF BEEF PER	TE OF BEEF FAT	FF CONSUMED FF		
BK						TOTAL	TAL	TOTAL	% of TOTAL	NTAKE		R DAY Kg/da	T PER DAY K	ROM RURAL SO		
BL		9 KEE-17	1 835-10	7.98E-16								>	g/day	URCE.		
BM		4 415-17		1.99E-15		DI grain	DI hay	DI grass	DI corn	SI	I	CRb	CRbf	E E	눌	

204 205 205	206 207 208 208 210 212 212	ORGA															231 1								240 N8		245 n.		245		247									7 -	:5	Va
DASE CASE		IICS	Acetonitrile	Ardrin	Atrazina	Benzaldehyde	Benzofuran	Benzoic Acid	Benzonitrile	Benzothiazole	Bis(2-ethylhexyl)phthalate	Carbazole	4-Chloroaniline	4-Chlorobiphenyl	4,4-cnlorobiphenyl	Dibenzofuran	.2-Dichloroethane	Dieldrin	Hexachlorobenzene	Hydrazine	Lindane	Malathion	Methylphonol	Monomethyl hydrazine	Naphthalene		n-Nitrosodimethylan	Acenanhthal ene	Acenaphthene	Benzo(a)pyrene	Chrysene	ant	Fluoranthene	Phenanthrene	Pyrene	Parathion	Pentach lorobenzene	Phenol	Quinoline Totrochlopshorzono	Trichlorobenzene	Unsym. dimethyl hyd	Vapona
	18-Jun-91 14:39:23										hthalate						£						ט	au au			mine					hracene									drazine	
BEEF INGESTION	C diet MAXIMUM CALCULATED CONC IN DIET (beef) mg/Kg		1.33E-07	4.20E-16	0 075-12	3.056-10	3 20E-10	9.01E-11	2.94E-09	7.00E-13	1.84E-14	7.33E-13	2.43E-13	3.07E-14	1.26E-15	3.54E-11	3.435-12	8.19E-16	2.43E-12	5.00E-05	1.71E-15	7.97E-15	2.88E-11	1.58F-05	6.33E-14	3.35E-10	6.51E-10	7 885.13	8.89E-12	7.05E-12	7.57E-13	7.01E-12	8.62E-12	7, 25-15	1.75E-11	4.86E-15	1.11E-12	6.00E-13	1.65E-11	F 10E-12	2.58E-05	3.24E-13
- MAXIMUM	DUFB DIET UPTAKE BEEF Unitless																																									
	TC TRANSFER COEFFICIENT BEEF Day/Kg		1.15E-08	6.31E-01	2.00E-07	7 50E-05	1 175.05	1.86F-06	9.12E-07	2.57E-06	1.35E+01	4.90E-05	1.70E-06	2.00E-03	9.55E-03	7.76E-07	3.31E-U4	7 ORE-02	7.41E-03	2.09E-11	5.01E-05	1.95E-05	4.57E-08	2 005-11	5.62F-05	5.62E-05	5.25E-09	1110	2.73E-04	6.61E-02	1.55E-02	7.94E-02	4.17E-03	6.03E-04	7.33E-04	1.62E-04	3.02E-03	7.24E-07	2.69E-06	5.89E-04	6.40E-04	6.31E-07
	C beef MAXIMUM CALCULATED CONC IN BEEF mg/Kg		1.97E-14	3,43E-15	5.71E-15	7 OUE- 15	2.000.0	2 18F-15	3.47E-14	2.33E-17	3.21E-12	4.66E-16	5.36E-18	7.94E-16	1.56E-16	3.36E-16	6.55E-15	3.3/E-1/	2.34F-13	1.36E-14	1.11E-18	2.02E-18	1.71E-17	8.1/E-1/	4.62F-17	2.44E-13	4.43E-17	1	3.01E-14	6.04F-12	1.52E-13	7.22E-12	4.66E-13	9.95E-15	3.55E-17 8.61E-13	1.02E-17	4.34E-14	5.64E-18	5.75E-16	5.89E-15	7.61E-75	2.65E-18
	C beeffat MAXIMUM CALCULATED CONC IN BEEFFAT mg/Kg																																									
	EDI ADULT MAXIMUM ESTIMATED DAILY INTAKE		9.45E-19	1.64E-19	1.78E-19	1 4/E-21	2 / 01 40	1 0/E-10	1.66F-18	1, 12E-21	1.54E-16	2.23E-20	2.57E-22	3.80E-20	7.45E-21	1.61E-20	3.13E-19	2 02E-21	1 12F-17	6 405-10	5.32E-23	9.64E-23	8.18E-22	3.91E-21	2 215-21	1.17E-17	2.12E-21	*****	1.446-18	2 805-16	7.28E-18	3.45E-16	2.23E-17	4.75E-19	7.30E-21	4.12E-17	2.08E-18	2.70E-22	2.75E-20	2.82E-19	1 575-18	1.27F-22
	EDI CHILD MAXIMUM ESTIMATED DAILY INTAKE mg/Kg/day		2.36E-18	4.10E-19	4.45	7.695	ח מ	20,400	4.15	2 79	3.83E	5.56E	6.40E	9.48E	1.86E	4.01E	7.80E	7.024	207	1,62	1.33	2.41E	2.04E	9.75E	2.2	2.92E	5.29E-21	1	3.6UE	7 215	1.81	8.61E	5.56E	1.18E	1 025	1.22E	5.18E	6.73E	6.86E	7.03E	1.93E-19	3,16E

C diet = (SUM(C feedx*Dix)+(C soil*SI*DI GRASS))/(1+(SI*DI GRASS))

BASE	ORGAN	326 Acenapht 327 Acenapht 328 Acenapht 328 Benzo(a) 329 Chrysene 330 Dibenzo(a) 331 Fluorene 332 Phenanth 334 Pyrene Parathion 335 Phenol 335 Phenol 337 P
CASE C	Actonitrile Actonitrile Aldrin Aniline Atrazine Benzaldehyde Benzolitrile Benzori Acid Benzori Acid Benzoritrile	Acenaphthalene Acenaphthalene Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Fluoranthene Fluorene Phenanthrene Pyrene Pyrene Pyrene Trichlorobenzene Tetrachlorobenzene Trichlorobenzene Trichlorobenzene Trichlorobenzene
18-Jun-91	halate ile	acene 12 i ne
TABLE 25 DERMAL EXPOSURE C soil AVERAGE CALCULATED C/ CONC IN SOIL .1M	7.92E-09 7.23E-14 7.25E-16-10 9.98E-10 9.98E-10 9.98E-11 7.75E-12 7.75E-13 7.75E-13 7.76E-14	9.86E-11 1.98E-11 1.98E-11 1.98E-10 1.98E-10 1.98E-11 7.71E-14 3.96E-10 4.90E-14 3.89E-11 5.23E-11 1.05E-12 9.58E-08
F C SOIL MAXIMUM CALCULATED CONC IN SOIL .1M	8.03E 1.25E-14 2.79E-12 2.06E-10 1.00E-09 2.20E-14 2.28E-17 2.28E-17 2.28E-17 2.28E-17 2.28E-17 2.28E-17 2.38E-12 3.14E-14 2.58E-12 2.28E-14	1.00E-10 2.01E-10 2.01E-11 2.01E-11 2.01E-11 7.82E-14 4.97E-14 3.95E-13 5.16E-11 1.26E-11 1.26E-11
G AF ABSORPTION FACTOR	1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01	1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01
EDI AVERAGE ESTIMATED DAILY INTAKE mg/Kg/day	3.48E-14 1.26E-20 1.96E-15 8.91E-16 4.33E-15 4.35E-15 7.76E-18 1.76E-18 1.76E-18 1.39E-17 1.00E-17 1.00E-17 1.56E-19 1.56E-19 1.56E-10 1.56E-10 1.56E-10 1.56E-10 1.66E-13 1.66E-13 1.66E-13 1.66E-14 1.66E-17	4.33E-16 4.33E-16 8.70E-16 8.70E-17 8.70E-17 3.39E-17 7.15E-19 1.07E-16 1.76E-15 2.15E-19 1.07E-16 1.71E-18 9.80E-17 5.25E-17 4.21E-13
EDI MAXIMUM ESTIMATED DAILY INTAKE mg/Kg/day	3.536-14 1.236-14 9.046-16 4.406-15 4.436-16 9.046-16 9.046-16 1.386-17 1.016-19 1.026-17 1.026-17 1.026-17 1.026-17 1.026-17 1.026-17 1.036-18 1.036-16 1.036-17 1.036-17 1.036-17 1.036-17 1.036-16 1.036-17 1.036-17 1.036-17 1.036-17 1.036-17 1.036-17 1.036-17	4.40e-16 4.40e-16 8.82e-16 8.82e-17 8.82e-16 8.82e-16 1.74e-19 1.73e-18 1.73e-19 1.73e-17 1.73e-17 1.73e-17 1.73e-17 1.73e-17 1.73e-17 1.73e-17

E S	2.65E-09 1.00E-02 1.15E-15 1.16E-15 1.54E-11 1.00E-02 6.65E-18 6.75E-18 9.93E-11 1.00E-02 4.30E-17 4.37E-17	Number of exposure events per year (events/yr.) Exposed surface area (cm2/event)	Skin adherence factor for soil (mg/cm2)	Soil matrix factor	Body weight (Kg)	Days/yr	mg/Kg	10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -
C TABLE 25	2.61E-09 1.51E-11 9.79E-11	195 1	0.51	!	15.5	365	1000000	*
B BASE CASE	345 Arsenic 346 Cadmium 347 Mercury							

	EDI MAXIMUM ESTIMATED DAILY INTAKE mg/Kg/day		1 32E 4E			-			5-29E-1		2 015-1	2.37E-1		נא)			1.06E-1	1.21E-	1.20E-20 2 18E-17	716.	5.59F-21	1.65E-20	2.04E-18	1.85E-18	1.30E-1	7. 18E-19	1.32E-1		5.26E-17	5.26E-17	-	-	1.06E-1	_	1.06E	4.11E-20	2 41E-10	1.30F-17	2.07E-19	1.19E-17	6.37E-18	M		-
	EDI AVERAGE ESTIMATED DAILY INTAKE mg/Kg/day		7, 145-15	6.46F-21	2.34E-16	1.45E-18	1.07E-16	5.18E-16	3.22E-1/	4 ASE-10	2.86E-19	2.34E-18	1.34E-19	3.30E-19	1.66E-20	1.18E-17	1.04E-17	1.20E-18	7 13E-20	4 05E-14	5.51E-21	1.63E-20	2.01E-18	1.82E-18	1.28E-14	1 1/6-15	1.30E-17		5.18E-17		1.04E-16	_	1.04E-16	1.04E-16	1.04E-17		2 585.20	1.28E-17	2.04E-19		6.28E-18	3.18E-18		4 025 40
	AF ABSORPTION FACTOR		1 005-01	1.00F-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1 005-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1 005-01	1 005-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1 005-01	1.00E-01		1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	100=-01	1 00 - 01	1,00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	100
RE ADULT	C soil MAXIMUM CALCULATED CONC IN SOIL .2M mg/Kg		7 025-00	6.24E-15	2.26E-10	1.40E-12	1.03E-10	5.00E-10	1 105-00	4 605-13	2.77E-13	2.26E-12	1.29E-13	3.18E-13	1.60E-14	1.14E-11	1.00E-11	1 1/5-1/	3 D3F-11	3.91F-08	5.32E-15	1.57E-14	1.94E-12	1.76E-12	1.23E-08	1 105-13	1.25E-11		5.00E-11	5.00E-11	1.00E-10	1.00E-11	1.00E-10	1.00E-10	1.00E-11	5. YIE- 14	2 405-14	1.23E-11	1.97E-13	1.13E-11	6.06E-12	3.07E-12	4.86E-08	
DERMAL EXPOSURE ADULT	C soil AVERAGE CALCULATED CONC IN SOIL .2M mg/Kg		3 OKE-10	6.15E-15	2.23E-10	1.38E-12	1.01E-10	4.93E-10	1 085-00	4. 62F-13	2.73E-13	2.23E-12	1.27E-13	3.14E-13	1.58E-14	1.13E-11	9.90E-12	1 175-16	2 98F-11	3.85F-08	5.24E-15		1.91E-12	1.74E-12	1.22E-08	1 08F-00	1.24E-11		4.93E-11	4.93E-11	9.90E-11	9.90E-12	9.90E-11	9.90E-11	9.90E-12	3.00E-14	01 -30E-1	1.22E-11	1.94E-13	1.11E-11	5.97E-12	3.02E-12	4.79E-08	
	18- Jun-91 14:39:23		4				Je	7	5 9	9 6	Bis(2-ethylhexyl)phthalate		iline	phenyl	oiphenyl	a	C	oethane	Penzene				vi ketone	inot	hydrazine	carbonitrile	n-Nitrosodimethylamine	•	halene	hene	pyrene		Ulbenzo(a,n)anthracene	hene		rene		benzene			benzene	nzene	dimethyl hydrazine	
BASE CASE		OPGANICS	JRGARICS Aretonitrile	Aldrin	Aniline	Atrazine	Benzaldehyde	Benzofuran	Benzonitrile	Benzothiazole	Bis(2-ethyl	Carbazole	4-Chloroaniline	4-Chlorobiphenyl	4,4-Chlorobiphenyl	Chloroethane	1 2 picking	0.5-Dichloroethane	Hexachlorobenzene	Hydrazine	Lindane	Malathion	Methyl ethyl ketone	4-Methylphenol	Monomethyl hydrazine	Naphthalene	n-Nitrosodi	PAHS	Acenaphthalene	Acenaphthene	Benzo(a)pyrene	Chrysene	Dipenzo(Fluoranthene	Fluorene	Phenanthrene	Parathion	Pentachlorobenzene	Phenol	Quinoline	Tetrachlorobenzene	Trichlorobenzene		
582 586	287 288 289 291 292 293			298	299	300	301	502	200	1001	306	307	308	309	310	511	212	314	315	316	317	318	319	320	222	323	324	325	326	327	528	220	220	557	222	727	335	336	337	338	339	340	341	012

	19	NE ESA SAF SMF BW DAYR mgKg
0	1.39E-16 8.07E-19 5.22E-18	(events/yr) cm2)
2	1.37E-16 7.96E-19 5.15E-18	ag/
E	1.00E-02 1.00E-02 1.00E-02	sure events pe area (cm2/e factor for sctor g)
_	1.32E-09 7.68E-12 4.97E-11	117 Number of exposure events per year (4500 Exposed surface area (cm2/event) 0.51 Skin adherence factor for soil (mg/c 1 Soil matrix factor 70 Body weight (kg) 365 Days/yr 0000 mg/Kg
K TABLE 26	1.31E-09 7.57E-12 4.90E-11	117 Number of 4500 Exposed su 0.51 Skin adher 1 Soil matri 70 Body weigh 365 Days/yr 1000000 mg/Kg EDI = Csoil*AF*SAF*ESA*
ပ		
B BASE CASE INORGANICS	Arsenic Cadmium Mercury	
287 344 347	345	352 352 353 354 355 355 355 355

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D TABLE 27

	CASE							
	BASE							
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359	360	419	450	421	422	423	454	727

ADULT 4.84 FISH INGESTION RATE g/day 70 ADULT BODY WEIGHT KG 1000 g/KG 0.1 Fraction lipid in fillet

2.42 15.5 1000 0.1

100 101 102 103 RES-B 104 BASE CASE 105 107 108 Acrylonitrile 110 Aniline 111 Aniline 112 Benzene 113 Bis(2-ethylhexyl)phthalate 114 Carbazole 115 Carbon Tetrachloride 115 Carbon Tetrachloride	Inhalation Slope Factor	Oral	
RES- BASE ORGA	Inhalation Slope Factor	Oral	
RES- BASE ORGA	Factor	oud to	Dermal
BASE ORGA		Factor	Factor
ORGA			
ORGA			
ORGA			
	10-307 C	10-307 S	2
	1 705±01	1 705+01	Z 7.0E±04
	F 70E-02	E 70E-07	201010
	2 005-03	2 005-03	1.145-02
		1 VOE-02	2 80E-02
		2 005-02	7 OUE 02
	1 20E 02	1 ZOE 02	4.00E-02
	10.305.0	10.305.	2 5
	9.10E-02	0.10E-03	2
1 1 Dichiosothese	Z.40E-0Z	Z.40E-0Z	2
	100	107	
	9.10E-02	9.10E-02	1.82E-01
	1.20E+00	6.00E-U1	2
1, 2-Dichloropropane	6.80E-02	6-80E-02	SC
	1.60E+01	1.60E+01	3.20E+01
	1.60E+00	1.60E+00	3.20E+00
	1.715+01	3.00E+00	6.00E+00
	1.30€+00	1.30E+00	2.60E+00
	6.30E-03	1.30E-02	S
	1.40E-02	7.50E-03	Ş
		1.10E+00	2.20E+00
10 n'ntrosognmetnytamine	5.10E+01	5.10E+01	1.02E+02
	6.10E+00	1.15E+01	2.30E+01
	6.10E+00	1.15E+01	2.50E+U1
	6.10E+00	1.15E+01	2.30E+01
	1.20E+01	1.20E+01	2.40E+01
	3.30E-03	5.10E-02	2
	1.10E-02	1.10E-02	S
Vapone	2.90E-01	2.90E-01	5.80E-01
Vinyl chloride	2,95E-01	2.30E+00	S
141			
NCK			
3 Arsenic	1.50E+01	1.75E+00	3.50E+01
4 Cadmium	6.10E+00	NC	SC
5 Chromium (VI)	4.10E+01	NC	NC
147 Total			
671	AFD	Adult Exposure	Exposure Duration
50			Duration
151			n Duration
2		Infant Exposure	Exposure Duration
3			Inhalation Duration

U	RES-B BASE CASE	ORGANICS Acrylonitrile Aldrin Aniline	Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbon Tetrachloride	1,4-Dichlorobenzene 1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethene 1,2-Dichloroethene	Dietarin Hexachlorobenzene Hydrazine Lindane Methyl chloride Methylene chloride 4-Methylphenol	Monomethyl hydrazine n-Nitrosodimethylamine PAHS Benzo(a)pyrene Chrysone	Dibenzo(a,h)anthracene Parathion Quinoline Tetrachloroethene Trichloroethene Vapona	INORGANICS Arsenic Cadmium Chromium (VI)
)phthalate ride	ene ne ne ane	ev g	zine Kamine e	nthracene e	
TABLE 29 ADULT CARCINOGENIC RISK	VEGETABLE INGESTION CARC. RISK	NA 1.02E-16 6.03E-16	2.84E-18 3.33E-18 NA	7.59E-17	2.99E-15 2.99E-15 1.92E-19 NA NA	1.20E-09 3.47E-11 4.10E-15	7.23E-15 NE NA	1.75E-15 NA NA 1.64E-08
J GENIC RISK	MILK INGESTION CARC. RISK	NA 7.43E-19 2.31E-21	8.37E-22 NA	3.31E-22 NA NA NA	1.25E-17 1.06E-17 1.29E-22 NA NA NE NE	5.17E-19 2.48E-19 1.16E-15	1.34E-15 7.28E-19 NA NA 8.29E-23	3.24E-15 NA NA S.80E-15
×	BEEF INGESTION CARC. RISK	NA 1.12E-19 9.04E-22	NA 6.14E-20 3.22E-22 NA	1.29E-22 NA NA NA	2.95E-20 3.21E-18 1.75E-18 4.98E-23 NA NA	2.03E-19 9.74E-20 2.51E-16	2.81E-16 NE 2.85E-19 NA NA 3.25E-23	4.24E-17 NA NA S.91E-16
J	SOIL/DUST INGESTION CARC. RISK	NA 2.73E-19 3.31E-18	9.97E-21 1.16E-19 NA	2.71E-19 NA NA NA	4.726-19 1.256-16 3.026-13 1.786-20 NA	3.49E-14 1.65E-15 2.97E-15	2.97E-15 8.49E-16 NA NA 7.34E-20	5.97E-15 NA NA 3.51E-13
Σ	FISH INGESTION CARC. RISK	NA 4.36E-26 1.22E-21	NA 4.16E-26 6.04E-23 NA	NA NE 4.76E-24 NA NA	1.58E-25 6.29E-19 9.66E-20 5.62E-26 NA NA	1.12E-20 0.00E+00 1.47E-18	8.35E-16 NE NE 6.96E-20 NA NA	6.97E-15 NA NA 7.81E-15
z	DERMAL EXPOSURE CARC. RISK	NA 2.01E-19 2.44E-18	NA 7.33E-21 8.55E-20 NA	1,99E-19 NA NA 10	3.47E-19 9.17E-17 2.22E-13 1.31E-20 NA NA	2.57E-14 1.21E-15 2.19E-15	2.57E-15 NE 2.57E-16 NA NA NA NA NA NA NA NA NA	4.39E-15 NA NA 2.58E-13
0	TOTAL ADULT CARC. RISK	NA 1.04E-16 6.09E-16	3.43E-18 3.53E-18 NA	7.64E-17 NA NA	1.19E-15 3.23E-15 1.52E-08 6.23E-19 NA NA	1.20E-09 3.47E-11 1.07E-14	3.26E-14 NA NA NA NA NA NA NA NA NA	2.24E-14 NA NA 1.64E-08

TABLE 30 CHILD CARCINGENIC RISK	INHALATION VEGETABLE MILK BEEF SOIL/DUST FISH DERMAL CARC. INGESTION INGESTION EXPOSURE RISK CARC. CARC. CARC. CARC. CARC. CARC. RISK RISK RISK RISK		NA NA NA NA	1.20E-17 3.35E-19 2.18E-20 1.93E-19 7.70E-27 1	1.04E-21 1.76E-22 2.34E-18 2.15E-22 1.5	7 055-20 3 325-10 2 325-10 1 201-20 7 025-31 7 275-32	8.226-19 4.246-19 3.776-22 6.286-23 8.216-20	NA NA NA NA	AZ AZ	NA NA NA	NE NE NE	-18 1.49E-22 2.52E-23 1.91E-19 8.40E-25 1.3	NA NA NA NA	NA NA NA	1.39E-16 5.64E-20 5.74E-21 3.33E-19 2.78E-24	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	7 /45-30 5 6/5-32 6 745 3/ 4 2/5 30 6 6/5 37	12-50 2.045-23 7.715-24 1.205-20 7.715-27	AN AN AN AN	T 2	-13 1.93E-10 2.33E-19 3.95E-20 2.46E-14 1.98E-21	4.16E-12 1.12E-19 1.90E-20 1.16E-15		2.10E-15 2.60E-19 1	1.12E-15 3.77E-16 1.83E-17 2.16E-18 2.10E-16 6.58E-19 1	1.12E-14 8.69E-16 6.06E-16 5.47E-17 2.10E-15 1.47E-16 1	NE NE NE NE	4.31E-15 3.28E-19 5.54E-20 2.47E-16 1.23E-20 1.6	NA NA NA NA NA	NA NA NA	1.11E-18 3.74E-23 6.33E-24 5.18E-20 9.89E-27 3.5	NA NA NA		3.62E-13 2.21E-16 1.46E-15 8.26E-18 4.21E-15 1.23E-15 2.87E-15	NA NA NA NA	AN NA NA
S	RES-B Base case	ORGANICS	Acrylonitrile	Aldrin	Renzene	Bis(2-ethylhexyl)phthalate	Carbazole	Carbon Tetrachloride	Chloroform	1,4-Dichlorobenzene	1,1-Dichioroethane	1,2-Dichloroethane	1,1-Dichloroethene	1, 2-Dichloropropane	Uses of Landers	Hydrazine	Lindane	Methyl chloride	Methylene chloride	4-Methylphenol	Monomethyl hydrazine	n-Nitrosodimethylamine	PAHS	Benzo(a)pyrene	Chrysene	Ulbenzo(a,h)anthracene	Parathion	quinorine	Tetrachloroethene	Trichloroethene	Vapona	Vinyl chloride	INORGANICS	Arsenic	Cadmium	

	INFANT CARCIN	CARCINOGENIC RISK	
RES-B BASE CASE	INHALATION CARC. RISK	BREAST MILK INGESTION CARC. RISK	TOTAL INFANT CARC. RISK
ORGANICS			
Acres on the 10	7, 80E-1E	Z ZOE.17	A 02E-1E
ACI Y COLL CI LE	1 265	1 055 1	4.765
Atarin	01-307-1	1 120 1	1.105.1
Anitine	1.535-17	(.3/E-1/	8.90E-1/
Benzene	4.47E-19	5.17E-22	4.47E-19
Bis(2-ethylhexyl)phthalate		1.39E-18	1.44E-1
Carbazole		1.56F-18	2 DOF-15
Corbon Totrocklonido	1 025-17	1 745-10	1 025-1
בו ו	1 111	1001	100.1
Chlorotorm	5.5/E-1/	1-02E-20	2.38E-10
1,4-Dichlorobenzene	2.34E-20	4.06E-22	2.38E-2
1.1.0 ichloroethane	NE	끨	밀
1 2-Dichloroethane	1 255-18	345	
1 1-Dichloroethone	2 835.17		2 8KE-17
	7 2/07	4 027 30	7000
1,2-Dichloropropane	5.94E-19	1.035-20	0.04E-75
Dieldrin	Z.18E-18	11-44E-1	7.00E-1
Hexachlorobenzene	5.77E-16	3.71E-16	9.48E-16
Hydrazine	7.97E-12	8.78E-10	8.86E-10
Lindane	8.24E-20	2-43E-19	3.26E-19
Mothy chloride	15.	135-21	1 10F-10
Mothylone oblonide	1 555-17	1 // 10	1 545-17
Anthological de	יייי דיייי		3 3
#-meculy chilelion	2 5	200	7 O41
Monomethyl hydrazine	1.026-13	, YE	(.UIE-11
n-Nitrosodimethylamine	.62E	2.02E-12	2.03E-12
PAHS			
Benzo(a)pyrene	7.30E-15	3.68E-14	4.41E-14
Chaycopa		2 715-15	1. 1.1E-1E
CIII YSGIIG	100	21.5	2 111
Ulbenzo(a, n)anthracene	. JUE -	-	4.40E- 14
Parathion	¥	띺	뿔
Quinoline	1.62E-15	5.95E-	7.56E-15
Tatrachi oroathone	8 33E-21		1 OKF-20
Tail and the second	2 065 10	177	100.1
richtoroethene	Z. YOE - 19	יח	3.0 E- 13
Vapona	3.40E-19		1.61E-18
Vinyl chloride	4.55E-18	6.15E-19	5.16E-18
INORGANICS			
Arsenic	2.37E-13	NA	2.37E-12
Codmitte	5 585-16	NA	5 58F-1/
Cadimi dilli	20000	¥ 5	7. JOE 1
Chromium (VI)	2.035-10	Y.	3.03E-10
1	20 107 0	101	

	TOTAL LIFETIME	LIFETIME CARCINOGENIC RISK	C RISK	
	INHALATION CARC. RISK	INGESTION CARC. RISK	DERMAL CARC. RISK	TOTAL LIFETIME CARC. RISK
	14 7/1 4/	101	:	1,00
ב	1.24E . 14	3.39E-1/	A'N	1.245-14
Aldrin	5.19E-18	1.27E-16	3.32E-19	1.30E-16
aniline	7 ARE-17	7 775-16	A 025-18	8 20E-14
		000	201	101.0
Benzene	1.15E-18	5.1/E-22	AZ.	7.15E-18
Ric(2-othylhoxyl)nhtholoto	1 175-10	5 VOC- 18	1 245.30	E 575.10
ביוולרובעלרולוומומימים		2.40E- 10	1.4.15.40	2.735-10
Carbazole	1.36F-18	5 51F-18	1 415-10	7 N1E-18
The state of the s	100	200		1011
Carbon letrachloride	Z.5/E-1/	1.76E-19	AZ.	2.58E-17
Thi onofoun	1 725 16	00 100 1		11/1
	1.305-10	1.02E-20	AN	1.36E-16
4-Dichlorobenzene	5 01F-20	4 NAE-22	44	5 OSE. 20
74-0-1-0-1-0-1-0-1-0-1-0-1-0-1-0-1-0-1-0-	2	77 100	5	7.77E EO
chioroethane	2	Z	W Z	¥
2-Dichloroethane	3 17F-18	O 38E.17	Z 20E-10	0 725.17
100000000000000000000000000000000000000	100	100:0	2.676	7-135-11
cntoroetnene	/lot-1/	2.46E-19	AN	7.18E-17
1.2-Dichloronronane	1 505-18	1 035-20	VII	1 515.18
	1100	21 120	200	2011
	5.52E-18	1-41E-15	5.74E-19	1-41E-15
Hoverh londonzone	1 1.45-15	7 OFF 4E	A TCT A	26 272 3
יייייייייייייייייייייייייייייייייייייי	1.40E	J. 73E- 13	1.325-10	2.300-13
Hydrazine	2.01E-11	1.83E-08	3-67E-13	1.83E-08
indana	2 085-10	0 715-10	2 175 20	4 475 40
	F-00L	V-4-10-17	C-11E-50	1. I/E- 10
Metnyl chloride	2.92E-19	4.13E-21	AZ.	2.96E-19
Methylene chloride	3 01E-17	1 44F-10	NA	Z 025-17
	11 11:00	71 71	2	J. 76E- 11
4-Metny(pheno)	Z.	Z.	¥	¥
Monomothy! hydrogino	Z 00E-12	1 /75.00	1 750 /	177 00
ברוואר וואחו מדוווב	4.075	1.47E-UY	4.225-14	1.4/E-UV
n-Nitrosodimethylamine	1.93E-14	4.08F-11	2 OUF-15	4 NOF-11
Benzo(a)pyrene	1.85E-14	4-84F-14	3 62F-15	7 USE-14
	20 -	100	77	200
Curysene	1.655-15	(- ROE - 15	3.64E-16	1.U1E-14
Dihenzo(a b)anthracene	1 855-14	5 38E-1/	Z 435.15	7 58E-17
200000000000000000000000000000000000000	1	ייים מייים	3.025	1000
Parathion	¥	ш	W Z	W 2
oui journal	A 00E.1E	1 JOE 1	1 257 47	1 715 41
	4.07E-13	4. 575. 14	4.625-10	4./42. 4
Tetrachloroethene	2 10F-20	2 225.21	VIV	2 335.20
	2011	ייניור	4	2375 50
Trichloroethene	7.48E-19	5.14E-21	AN.	7.53E-19
	0 101	1 1 1 1 1	1100	1100
Vapona	8.39E-19	9.69E-18	8.95E-20	1.06E-1/
Vinvl chloride	1,15F-17	6.15F-10	AN	1 21F-17
				1
INORGANICS				
Arconic	5 OOE-12	2 E1E. 17	7 345-15	4 745.47
2	J.77E- 13	41 -31 C-7	CI . 307. /	0.2 (5-13
Cadmium	1.41E-15	A.	AX	1.41E-15
Chromium (VI)	1 48F-15	VN	MA	1 /85-15
(1) () () () () () () () () (704.	22	7	- 405
	2 425.44	4 001 00	100	4 000
			7/2 7	

TABLE 34 REFERENCE DOSES FOR NONCARCINOGE REFERENCE DOSES FOR NONCARCINOGE REFERENCE DOSES FOR NONCARCINOGE REFERENCE REFERENC	155	2	6	ц	U
RES-B	156		TABLE 34		-
RES-8 Reform Re	157		NCE	FOR	TINGENIC
RES-B RFD RF	158		EFFECTS (mg/kg		
RES-B RED RES-B	160		Take Late		
## Care Case Acetone	161	RES-B	RfD	orac R£0	Dermai Rfn
Acetonitrile					
Acetonitrile 1.00E-01 Acetonitrile 1.00E-01 Acetonitrile 2.55E-04 Aldrin Aldrin 2.55E-04 Aniline 2.55E-04 Aniline 2.55E-04 Aniline 3.00E-03 Arrazine 1.00E-01 Benzardehyde 5.10E-03 Benzofuran 5.00E-03 Benzofuran 5.00E-03 Benzofuran 6.00E-03 Benzofuran 7.72E-03 Benzofuran 7.0E-03 Benzofuran 8.00E-03 Benzofuran 8.00E-03 Benzofuran 9.00E-03 Carbazole 1.00E-03 Biphenyl 8.00E-03 Carbazole 1.00E-03 Carbazole 1.00E-03 Carbazole 1.00E-03 Biphenyl 8.00E-03 Carbazole 1.00E-03 Carbazole 1.00E-03 Carbazole 1.00E-03 Carbazole 1.00E-03 Carbazole 1.00E-03 Carbazole 2.00E-03 Carbazole 2.00E-03 Carbazole 2.00E-03 Carbazole 1.00E-03 Carbazole 2.00E-03 Carbazole 2.00E-03 Carbazole 2.00E-03 Carbazole 2.00E-03 Carbazole 2.00E-03 Carbazole 2.00E-03 Carbazole 3.00E-03 Carbazole 3.	163				
Acetone Acetonitrile Aniline Aria Atrazine Benzaidehyde Benzaidehyde Benzaiche Benzaiche Benzoitrile Benzoit rile Benzoit Acid Benzo	164				
Acetonitrile					
Acetonic field		ORGANICS			
Acetonitrile 1.00E-02 6.00E-02 Acetonitrile 1.00E-02 Actionitrile 2.55E-04 3.00E-03 Benzaldehyde 5.00E-03 Benzaldehyde 5.00E-03 5.00E-03 Benzaldehyde 5.00E-03 5.00E-03 Benzoltrile 8.00E-03 5.00E-03 Benzoltrile 8.00E-03 5.00E-03 Benzoltrile 8.00E-03 5.00E-03 Benzoltrile 8.00E-03 5.00E-03 8.00E-03 8.0	16/	Acetone	1.82E+00	1.00E-01	2
Activionitile 4,35E-04 3,00E-05 Aniline 5,00E-03 Arrazine Benzaldehyde 5,00E-03 1,09E-03 Benzaldehyde 1,00E-01 1,00E-03 Benzaldehyde 5,00E-03 5,00E-03 Benzaldehyde 1,00E-03 1,00E-03 Benzaldehyde 2,00E-03 5,00E-03 Benzaltile	168	Acetonitrile	1.00E-02	6.00E-02	.00E
Andrin Argin Andrin Andrin Andrin Andrin Andrin Antiline Andrin S.56-04 3.00E-05 Benzeldehyde 5.00E-03 Benzoric Acid 5.00E-03 Benzoric Acid 6.00E-03 Benzorinfrile 7.00E-03 Benzorinfrile 8.00E-03 Biphenyl 8.00E-03 Biphenyl 6.00E-03 Biphenyl 7.00E-03 Biphenyl 7.00E-03 Biphenyl 7.00E-03 Biphenyl 7.00E-03 Chloroaniline 5.00E-03 Chloroaniline 6.00E-03 Chloroaniline 7.0E-03 Chloroaniline 8.00E-03 1,2-Dichloroethane 5.00E-03 1,2-Dichloroethane 7.00E-03 1,2-Dichloroethane 7.00E-03 1,2-Dichloroethane 8.00E-03 Malathion 9.00E-03 Malathion 10.0E-01 Malathion 10.0E-01 Malathion 10.0E-01 Malathion 10.0E-03 Malathion	61	Acrylonitrile	4.39E-03	2.70E-04	NC
Afrazine Afrazine Benzaldehyde Benzaldehyde Benzaldehyde Benzofuran Benzonitrile Bis(2-ethylhexyl)phthalate Carbon Tetrachloride 4.00E-03 5.00E-03 5.00E-03 5.00E-03 6.00E-03 6.00E	21	Aldrin	2.55E-04	3.00E-05	1.50E-05
Marker M	7	Aniline	7.76E-03	1.95E-03	9.75E-04
Benzeldehyde	172	Atrazine	5,10E-03	5.00E-03	2.50E-03
Benzene	173	Benzaldehyde	1.00E-01	1.00E-01	5.00E-02
Benzorfuran Benzorfuran Benzori Acid Benzori	174	Benzene	3.26E-02	1.00E-03	S
Benzoic Acid 8.00E-03 1.00E-03	175	Benzofuran	5.00E-03	5.00E-03	2.50E-03
Benzonitrile	176	Benzoic Acid	4.00E+00	4.00E+00	2.00E+00
Benzothiazole 1.00E-03 1.00E-03 Bighenyl Bis(2-ethylhexyl)phthalate 1.38E-03 5.00E-03 Carboarzole 2.10E-03 5.00E-03 Carboarzole 2.10E-03 5.00E-03 Carboarzole 2.10E-03 5.00E-03 Chlorobiphenyl 2.45E-02 2.45E-02 Chlorobiphenyl 2.45E-02 2.45E-02 Chlorobiphenyl 2.45E-02 2.45E-02 Chlorocthane 2.06E-02 1.00E-02 Chlorocthane 2.00E-02 1.00E-03 Chlorocthane 2.00E-02 1.00E-03 Chlorocthane 2.00E-03 Chlorocthane 2.00E-03 Chlorocth	177	Benzonitrile	8.00E-03	8.00E-03	4.00F-03
Biphenyl	178	Benzothiazole	1.00E-03	1.00E-03	5.00E-04
Bis(2-ethylhexyl)phthalate 5.10e-03 4.00e-03 Carbazole 5.00e-03 5.00e-03 Carbazole 5.00e-03 5.00e-04 4-Chloroaniline 4.00e-03 2.00e-03 4-Chlorobiphenyl 2.45e-02 2.45e-02 4,4-Chlorobiphenyl 2.45e-02 2.45e-02 4,4-Chlorobiphenyl 2.45e-02 2.45e-02 4,4-Chlorobiphenyl 2.45e-02 2.45e-02 1,2-Dichloroethane 5.00e-02 1.00e-02 1,2-Dichloroethane 4.00e-02 1.00e-03 1,2-Dichloroethane 4.00e-02 1.00e-03 1,2-Dichloroethane 4.00e-03 1.00e-03 1,2-Dichloroethane 2.04e-02 9.00e-03 1,2-Dichloroethane 2.04e-02 9.00e-03 1,2-Dichloroethane 2.06e-03 1.00e-03 1,2-Dichloroethane 2.06e-03 1.00e-03 1,2-Dichloroethane 3.10e-03 8.10e-03 1,2-Dichloroethane 3.56e-01 1.00e-03 1,2-Dichloroethane 3.56e-01 2.00e-03 1,2-Dichloroethane 3.56e-01 2.00e-03 1,2-Dichloroethane 3.56e-01 3.00e-03 1,2-Dichloroethane 3.56e-01 3.00e-03 1,2-Dichloroethane 3.56e-01 3.00e-03 1,2-Dichloroethane 3.56e-01 3.00e-03 1,2-Dichloroethane 3.00e-03 3.00e-03 2,00e-03 3.00e-03 3.00e-03 3,00e-03 3.0	179	Biphenyl	1.33E-03	5.00E-02	S
Carbazole Carbazole Carbazole Carbon Tetrachloride 4.00E-03 Chlorobenzene 4Chlorobiphenyl Chlorobenzene 4Chlorobiphenyl Chlorobenzene Chlorobenzene Chlorobenzenes Chlorobenzene Chlore-02 Chlore-02 Chlorobenzene Chloro	180	Bis(2-ethylhexyl)phthalate	5.10E-03	4.00E-03	.00E
Carbon Tetrachloride 3.16E-02 7.00E-04 4-Chloropaniline 5.05E-02 2.45E-02 4-Chlorobiphenyl 2.45E-02 2.45E-02 4-Chlorobiphenyl 2.45E-02 2.45E-02 4-Chlorobiphenyl 2.45E-02 2.45E-02 4-Chlorobiphenyl 2.45E-02 2.45E-02 Chlorochane Chlorochane Chlorochane 1.2-Dichlorochane 1.2-Dichloroch	181	Carbazole	5.00E-03	5.00E-03	2.50E-03
4-Chlorobiphenyl 2.45E-02 4.56E-02 4.4-Chlorobiphenyl 2.45E-02 2.45E-02 4.4-Chlorobiphenyl 2.45E-02 2.45E-02 4.4-Chlorobiphenyl 2.45E-02 2.33E-02 Chlorobiphenyl 2.45E-02 2.33E-02 Chlorobiphenyl 2.45E-02 2.33E-02 Chlorobenzenes (total) 4.00E-02 1.00E-02 1.7-Dichloroethane 4.00E-02 1.00E-01 1.2-Dichloroethane 4.00E-02 1.00E-01 1.2-Dichloroethane 4.00E-02 1.00E-01 1.2-Dichloroethane 8.10E-01 2.00E-02 1.2-Dichloroethane 8.10E-01 2.00E-02 1.2-Dichloroethane 8.10E-01 2.00E-02 1.2-Dichloroethane 8.10E-01 2.00E-02 1.2-Dichloroethane 8.10E-03 8.1	182	Carbon Tetrachloride	3.16E-02	7.00E-04	2
Chlorobenzene 4-Chlorobiphenyl 2.45E-02 4,4-Chlorobiphenyl 2.35F-02 Chlorosthane Chlorosthane Dibenzofuran NA Chlorosthane Dichlorobenzenes (total) 1,2-Dichlorosthane 1,3-SE-04 1,00E-02 1,0E-02 1,00E-02 1,00	185	4-Chloroaniline	4.00E-03	4.00E-03	-00E
4.Chlorobiphenyl 2.45E-02 2.45E-02 Chlorobiphenyl 2.33E-02 2.33E-02 Chlorobiphenyl 2.33E-02 2.33E-02 Chlorobiphenyl 2.65E+00 NA Chlorobenzenes (total) NA NA NA NA Dichlorobenzenes (total) 4.00E-02 1.00E-02 1.01C-01 1.00E-01 1.00E-02 1.00E-02 1.00E-02 1.00E-03 1.00E-04 1.00E-02 1.00E-02 1.00E-02 1.00E-03 1.00E-04 1.00E-02 1.00E-02 1.00E-02 1.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00E-04 1.00E-03 1.00	184	Chlorobenzene	5.00E-03	2.00E-02	S
4,4-Chlorobiphenyl 2.35E-02 2.33E-02 Chlorocthane 2.65E+00 NA Chlorobarzenes (total) 4.00E-02 1.00E-02 Dichlorobenzenes (total) 4.00E-02 9.00E-02 1,1-Dichlorocthane 4.00E-02 9.00E-01 1,2-Dichlorocthane 4.08E-02 9.00E-01 1,2-Dichlorocthane 2.04E-02 9.00E-02 1,2-Dichlorocthane 2.04E-02 9.00E-02 1,2-Dichlorocthane 2.04E-02 9.00E-02 1,2-Dichlorocthane 8.10E-02 4.08E-02 1,2-Dichlorocthane 8.10E-02 4.08E-02 1,2-Dichlorocthane 8.10E-02 4.08E-02 1,2-Dichlorocthane 8.10E-02 9.00E-02 1,2-Dichlorocthane 8.10E-02 9.00E-02 Nexthyldisulfide 8.10E-03 8.10E-03 8.10E-03 Methyl choride 1.03E-04 8.00E-04 9.00E-02 Methyl choride 1.05E-01 1.08D-02 9.00E-02 Methyl choride 1.05E-01 1.05E-01 9.00E-02 Methyl ch	185	4-Chlorobiphenyl	2.45E-02	.45E	.22E
Chloroethane 2.655+00 NA Chloroform 5.00E-02 1.00E-02 Dibenzofuran NA NA Dichlorobenzenes (total) 4.00E-02 1.00E-02 1.1-Dichloroethane 1.2-Dichloroethane 1.2-Dichloropane 1.2-	186	4,4-Chlorobiphenyi	2.33E-02	.33E	.16E
Dichloroporum Dichloroperates (total) 1,1-Dichloroethane 1,2-Dichloroethane 2,04E-02 3,04E-02 3,04E-03 3,04E-	100	Chloroethane	2.65E+00	NA.	SC
Dichloration (total)	000	Dibonofina	5.00E-02	1.00E-02	2
1,1-Dichloroethane	100			NA O	YA!
1,2-Dichlorocthane	101	1 1-pichlosostkom	•	9.00E-02	2
1,7-Dichlorocthane 2.04E-02 4.09E-02 1,7-Dichlorocthane 2.04E-02 9.00E-03 1,2-Dichlorocthane 3.54E-01 2.00E-03 1,2-Dichlorocthane 3.54E-01 2.00E-03 Dietdrin 2.05E-04 5.00E-05 B.00E-04 1.33E-04 5.00E-04 1.33E-04 5.00E-04 1.03E-05 1.00E-04 1.03E-05 1.00E-05	102	1 2-Dichlorosthane	1.00E-01	1.00E-01	2 1
1,2-Dichlorocthene 3.04E-02 3.00E-02 1,2-Dichlorocthene 3.54E-01 2.00E-02 1,2-Dichlorocthene 3.54E-01 2.00E-02 Dimethyldisulfide 8.10E-03 8.10E-03 8.10E-03 8.10E-03 8.10E-03 8.10E-03 8.10E-04 8.00E-04 8.00E-04 8.00E-04 8.00E-04 8.57E-01 6.00E-02 Methyl chloride 7.10E-04 7.00E-02 7.00E-02 8.57E-01 6.00E-02 8.57E-01 6.00E-02 8.57E-01 6.00E-02 8.00E-04 8.00E-04 8.00E-04 8.00E-04 8.00E-03 8.00E-04 8.00E-03 8.00E-04 8.00E-03 8.00E-04 8.00E-03 8.00E-04 8.00E-03 8.00E-04 8.00E-03 8.00E-02 8.	103	1 1-Dichlorothere	20-100 c	4.07E-U3	704.
1,2-Dichtorporane 3,54E-01 8.00E-02 Dietdrin Dietdrin 2.55E-04 8.00E-03 B.10E-03 B.10E-04 B.00E-04 I.33E-04 6.00E-04 I.03E-04 II.03E-04 III.03E-04 III.03E-05 IIII.03E-05 III.03E-05 IIII.03E-05 IIIIII.03E-05 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	10%	1 2-Dich prosthene	2.04E-02	2 00E-03	2 2
Dietdrin Dietdrin Dimethyldisulfide B.10E-03 B.10E-03 Hexachlorobenzene Hydrazine Lindanion Malathion Methyl chloride Methyl chloride Methyl ethyl ketone 4-Methylphenol Monomethyl hydrazine Naphthalene Naphthalene Naphthalene Naphthalene Naphthalene S.10E-02 S.00E-02 S.00E-02 S.00E-02 S.00E-03 Naphthalene Naphthalene Nitrosodimethylamine Acenaphthalene Acenaphthalene Acenaphthalene Benzo(a)pyrene S.00E-02 S.00E-03	195	1.2-Dichloropropane	3.54E-01	8 40E-02	2 5
Dimethyldisulfide 8.10E-03 8.10E-03 Hexachlorobenzene Hydrazine 1.33E-04 8.00E-04 8.00E-04 1.33E-04 6.00E-04 1.03E-01 1.00E-04 1.03E-01 1.00E-02 1.00E-03 1.	196	Dieldrin	2.55E-04	5.00F-05	
Hexachlorobenzene 8.00E-04 8.00E-04 Hydrazine 1.33E-04 6.00E-04 Lindane 1.03E-04 5.00E-04 Malathion 1.00E-02 2.00E-02 Methyl chloride 1.05E-01 1.80E-02 Methyl ethyl ketone 1.05E-01 6.00E-02 Monomethyl phenol 1.02E-02 5.00E-01 Monomethyl hydrazine 1.04E-05 5.00E-01 Naphthalene carbonitrile 5.10E-02 4.00E-03 Naphthalene carbonitrile 5.10E-02 4.00E-03 Naphthalene 6.00E-02 6.00E-02 Acenaphthalene 6.00E-02 3.00E-02 Benzo(a)pyrene 3.00E-02 3.00E-02 Chrysene 3.00E-02 3.00E-02	197	Dimethyldisulfide	8.10E-03	8.10E-03	
Hydrazine Lindane Malathion Malathion Methyl chloride Methyl ethoride Methyl ethyl ketone 4-Methylphenol Maphthalene carbonitrile Naphthalene carbonitrile Mohthalene carbonitrile Nitrosodimethylamine Acanaphthalene A	198	Hexachlorobenzene	8.00E-04	8.00E-04	4.00E-04
Lindane	199	Hydrazine	1.33E-04	6.00E-04	3.00E-04
Matathion 1.02E-02 2.00E-02 Methyl chloride 1.05E-01 1.80E-02 Methyl chloride 8.57E-01 6.00E-02 Methyl ethyl ketone 9.00E-02 5.00E-01 4-Methylphenol 1.02E-02 5.00E-01 Monomethyl hydrazine 1.94E-05 2.20E-04 Naphthalene 5.10E-02 4.00E-03 Naphthalene 5.10E-02 4.00E-03 n-Nitrosodimethylemine 2.80E-04 2.80E-04 Acenaphthalene 6.00E-02 6.00E-02 Acenaphthene 6.00E-02 6.00E-02 Acenaphthene 3.00E-02 3.00E-02 Benzo(a)pyrene 3.00E-02 3.00E-02 Chrysene 3.00E-02 3.00E-02	200	Lindane	5.10E-04	3.00E-04	1.50E-04
Methyl chloride Methylene chloride Methylene chloride Methylene chloride Methylene chloride Methylenel Monomethyl hydrazine Naphthalene Na	202	Malathion	1.02E-02	2.00E-02	1.00E-02
Methylene chloride 8.57E-01 6.00E-02 Methyl ehryl ketone 9.00E-02 5.00E-01 4-Methylphenol 1.02E-02 5.00E-01 Monomethyl hydrazine 1.94E-05 2.20E-04 Naphthalene 5.10E-02 4.00E-03 Naphthalene carbonitrile 5.10E-02 4.00E-03 n-Nitrosodimethylamine 2.80E-04 2.80E-04 Acenaphthalene 6.00E-02 6.00E-02 Acenaphthalene 6.00E-02 6.00E-02 Benzo(a)pyrene 3.00E-02 3.00E-02 Chrysene 3.00E-02 3.00E-02	202	Methyl chloride	1.05E-01	1.80E-02	S
Methyl berole 9.00E-02 5.00E-01 Methyl berol 1.02E-02 5.00E-01 Monomethyl hydrazine 1.02E-02 5.00E-02 5.00E-02 Monomethyl hydrazine 1.94E-05 5.20E-04 Naphthalene carbonitrile 5.10E-02 4.00E-03 Naphthalene carbonitrile 5.10E-02 4.00E-03 Naphthalene carbonitrile 5.10E-02 6.00E-03 Acenaphthalene 6.00E-02 6.00E-02 Benzo(a)pyrene 5.00E-02 3.00E-02 Chrysene 5.00E-02 3.00E-02 3.00E-02	203	Methylene chloride	8.57E-01	6.00E-02	SC
##CHY/phenol 1.02E-02 5.00E-02 Monomethy! hydrazine 1.94E-05 2.20E-04 Monomethy! hydrazine 5.00E-02 4.00E-03 Maphthalene carbonitrile 5.10E-02 4.00E-03 7.0E-02 4.00E-03 7.0E-02 6.00E-03 7.0E-02 Acenaphthalene 6.00E-02 6.00E-02 Benzo(a)pyrene 5.00E-02 3.00E-02 3.00E-02 Chrysene	204 205	Methyl ethyl ketone	9.00E-02	5.00E-01	2.50E-01
Naphthalene carbonitrile 5.10E-02 4.00E-03 Naphthalene carbonitrile 5.10E-02 4.00E-03 Naphthalene carbonitrile 5.10E-02 4.00E-03 PAHs Acenaphthalene 6.00E-02 6.00E-02 Acenaphthene 5.00E-02 5.00E-02 Chrysene 3.00E-02 3.00E-02 Chrysene	202	4-metnylphenol	1.02E-02	5.00E-02	2.50E-02
Acenaphthene 6.00E-02 4.00E-03 Naphthalene carbonitrile 5.10E-02 4.00E-03 N-Nitrosodimethylamine 2.80E-04 2.80E-04 PAHS Acenaphthalene 6.00E-02 6.00E-02 Acenaphthene 5.00E-02 3.00E-02 Chrysene 3.00E-02 3.00E-02	202	Month the lone	1.94E-U5	Z.20E-04	1.10E-04
Acenaphthene 6.00E-02 5.00E-02 Acenaphthene 6.00E-02 6.00E-02 Benzo(a)pyrene 3.00E-02 3.00E-02 3.00E-02	208		5.10E-02	- 100 - 100	2.00E-03
Acenaphthalene 6.00E-02 6.00E-02 Acenaphthene 6.00E-02 6.00E-02 Benzo(a)pyrene 3.00E-02 3.00E-02 Chrysene 3.00E-02 3.00E-02	505	n-Nitrosodimethylamine	2 805-02	80E-0	2.00E-03
Acenaphthalene 6.00E-02 6.00E-02 3 Acenaphthene 6.00E-02 6.00E-02 3 Benzo(a)pyrene 3.00E-02 1 Chrysene 3.00E-02 1	210	PAHS			10101
Acenaphthene 6.00E-02 6.00E-02 3 Benzo(a)pyrene 3.00E-02 3.00E-02 1 Chrysene 3.00E-02 3.00E-02 1	211	Acenaphthalene	6.00E-02	6-00E-02	3.00F-02
Benzo(a)pyrene 3.00E-02 3.00E-02 1 Chrysene 3.00E-02 3.00E-02 1	212	Acenaphthene	6.00E-02	6.00E-02	3.00E-02
3.00E-02 3.00E-02 1	213	Benzo(a)pyrene	3.00E-02	3.00E-02	1.50E-02
	717	Chrysene	3.00E-02	3.00E-02	1.50E-02

Ŀ	1.50E-02	2.00E-02	1.50E-02	1.50E-02	3.00E-03	4.00E-04	3.00E-01	NC	1.00E-01	1.50E-04	2	2	1.00E-02	N.	6,10E-04	4.00E-04	S	모	S			5.00E-05	5.00E-05	Ş	S	Ş	2	1.50E-05	S	2	S	
ш	3.00E-02	4.00E-02	3.00E-02	3.00E-02	6.00E-03	8.00E-04	6.00E-01	1.00E-03	2.00E-01	3.00E-04	1.00E-02	2.00E-01	2.00E-02	7.35E-03	1.22E-03	8,00E-04	1.00E+00	1.30E-03	2.00E+00			1.00E-03	1.00E-03	S	2	3.80E-02	S	3.00E-04	S	2	2.00E-01	
D TARIF 34.		4.00E-02	3.00E-02	3.00E-02	5.10E-05	8.00E-04	1.94E-02	1.63E-02	2.00E-01	3.00E-04	3.46E-01	5.71E-01	3.00E-03	2.74E-01	1.22E-03	8.00E-04	2.00E-01	1.33E-02	8.57E-02			2.04E-04	5,10E-05	5.10E-04	5.10E-05	1.00E-02	1.02E-03	8.57E-05	2.04E-04	1.02E-05	8.19E-03	
υ	Dibenzo(a,h)anthracene	Fluorene	Phenanthrene	Pyrene	Parathion	Pentachlorobenzene	Phenol	Pyridine	Quinoline	Tetrachlorobenzene	Tetrachloroethene	Toluene	Trichlorobenzene	Trichloroethene	Unsym. dimethyl hydrazine	Vapona	Vinyl acetate	Vinyl chloride	Xylenes (total)		INORGANICS	Arsenic	Cadmium	Chromium (III)	Chromium (VI)	Copper	Iron	Mercury	Selenium	Silver	Zinc	
œ																																
155	215	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	734	235	236	237	238	239	240	241	242	243	244	245	246	

	SOIL/DUST FISH INGESTION INGESTION HAZARD HAZARD QUOTIENT QUOTIENT	•	NA NA	2	.94E-16	.31E-13	2 0/E-16 0.00E+00	NA NA	.86E-13	_	.93E	-15	AN C	1 205-15 6 415-10	NA NA NA	-17 2.3	NA	3.71E-17 1.39E-20	97E-18 2.45E			NA NA		1.1	NA NA	NA NA	NA	-16	NA C	1.08E-15 5.38E-16	. 80E-10	2/E-1/	. C4E- 10		14E-17	015-17	40E-10 5.	, 48E-16	7 6	1.28E-13 0.00E+00		.38E-15 1.75E-1	2.38E-15 6.78E-19	.56E-15 4.67E-1
	BEEF INGESTION HAZARD QUOTIENT		NA FZC 47	NA	5.48E-15	9.12E-17	1.55E-18	NA .	4.80E-16	2.60E-20	2.08E-16	1.126-18	A A	ии	NA	6.41E-20		1.55E-18		W 5	Z 11	NA N	N.	3.30E-19		NA		7	•	1,405-14	- 4-				•	7 825-20	0 ZUE-20	5 526-10	2.92E-15	7.58E-18		2.40E-17	1.92E-17	9.63E-15
	MILK INGESTION HAZARD QUOTIENT		NA	A	83E	38	4.53E-18	Z	1.53E-15	7.25E-20	5.63E-16	5.16E-18	X 1.25.12	1 72E-17	NA	1.78E-19	×	1.07E-17	.54E	W 2	£ 2	Ā	NA	8.88E-19	NA	NA	NA	3.42E-15	NA NA	1.09E-13	6 85E-13	1 635-20	NA NA	2 2	1, 22E.21	2 20E-10	2 375-15	2 18F-18	1.15E-14	1.946-17		1.26E-16	9.46E-17	8.25E-14
INDEX	VEGETABLE INGESTION HAZARD QUOTIENT		NA 255 - 10	X X	2.25E-13	6.17E-11	2 7/E-12	NA :	-	2.22E-15	3.35E-11	7.23E-14	K 715-1/	275	N N	5.44E-15	¥	6.12E-16	ij	N S	2 2	N N	NA	1.92E-13	NA	NA			NA Por	3.U0E-12	015-15	166-17	NA I		085-15	1 29F-14	5 525-06	6 535-15	3.46E-11	2.69E-09		.12E-1	5.73E-14	.59E-1
ADULT HAZARD INDEX	INHALATION HAZARD QUOTIENT	!	1.38E-15	2.20E-10	1.38E-14	1.64E-11	5 815-13	2.24E-14	5.65E-11	7.11E-15	7.76E-11	2 1/5-10	2.14E-10	2 55F-13	1-17E-13	1.82E-14	3.51E-14	7.34E-15	3.88E-16	2.45E-15 6.28E-12	- 103.0	1.82E-14	2.09E-14	1.60E-14	5.48E-14	1.19E-15	1.17E-15	2.53E-14	2.19E-13	1 445-11	5 80E-15	8 70E-16	8 24E-15	6 10E-1/	1 225-14	9 75F - 14	3 50F-07	2 30F-15	1.22E-11	2.53E-11		71E-1	4.71E-13	89E-1
	RES-B BASE CASE	ORGANICS	Acetone	Acrylonitrile	Aldrin	Aniline	Renzal dehyde	Benzene	Benzofuran	Benzoic Acid	Benzonitrile	Binhand	Bis(2-ethylbexvl)phthelete	Carbazole	Carbon Tetrachloride	4-Chloroaniline	Chlorobenzene	4-Chlorobiphenyl	4,4-Chlorobiphenyl	chloroform	Dibenzofuran	Dichlorobenzenes (total)	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethene	1, 2-Dichloropropane	Dieldrin	Dimetmytalsutfide	Hydrazina	i judane	Kalathion	Methyl chloride	Methylene chloride	Methyl othyl ketone	4-Methylphenol	Monomethy! hydrazine	Naphthal ene	Naphthalene carbonitrile	n-Nitrosodimethylamine	PAHS	Acenaphthalene	Acenaphthene	Benzo(a)pyrene

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	ပ	TABLE 35		7	sz.	۔	Σ	z	0	
	Dibenzo(a,h)anthracene	1.89E-12	6.60E-14	9.90E-14	1.15E-14	9.56E-15	2.65E-15	7.03E-15	2.08E-12	
	Fluoranthene	1.42E-12	1.79E-13	4.16E-15	5.58E-16	7.17E-15	NA NA	5.28E-15	1.61E-12	
	Fluorene	1.42E-13	2.12E-14	6.99E-17	1.19E-17	7.17E-16	7.30F-19	5.28F-16	1.64F-13	
	Phenanthrene	7.36E-16	8.52E-17	5.36E-19	8.53E-20	3.72E-18	3.35E-18	2.74E-18	8.315-16	
	Pyrene	3.78E-12	4.52E-13	1.02E-14	1.37E-15	1.91E-14	5.35E-17	1.41F-14	4 28F-12	
Pa	Parathion	2.75E-13	2.98E-16	3.84E-19	8.15E-20	1.18E-17	5.29E-23	8 71F-18	2.76F-13	
Per	Pentachlorobenzene	8.70E-12	2.23E-12	1.88E-14	2.60E-15	4.40F-14	NA	3 24E-14	1 10F-11	
Phe	Phenol	5.74E-15	2.67E-16	1.21E-21	4.50E-22	9 30F 10	AN	6 O1F-10	6 01F-15	
Pyr	Pyridine	3.81E-11	AN	AN	AN	NA	NA	NA	3 81F-11	
00	Quinoline	3.19E-14	1.55E-14	3.91E-19	1.38E-19	1.62F-16	3.17F-20	1 195-16	4 77F-14	
Fe	etrachlorobenzene	1.14E-11	6.45E-12	5.51E-15	9.40E-16	5.77F-14	NA	71-356 7	1 80E-11	
Tel	Tetrachloroethene	3.45E-16	AN	NA	NA	NA	NA	NA	3 45E-14	
2	oluene	3.34E-15	AN	A	AN	NA N	V V	Z W	3 3/E-15	
٢	rich orobenzene	5.77E-13	7.18E-15	1.95E-17	3.86E-18	4.38F-16	4. ROF - 19	3 22F-16	5 85E-13	
Tri	richloroethene	4.65E-15	NA	Ä	NA	NA	NA	NA		
Š	Jnsym. dimethyl hydrazine	2.25E-08	2.56E-06	3.19E-15	1.25E-15	1.14E-10	3.60F-17	8.38F-11	2.58F-06	
Var	Japona	6.94E-14	3.59E-14		1.58E-19	3.51E-16	2.64F-22	2.58F-16	1.06F-13	
Vir	Vinyl acetate	3.94E-15	Ä	A	NA	AN	NA		3 04E-15	
Vin	Vinyl chloride	5.49E-14	N	NA	AN	AN	NA	AN	5 40E-14	
×	Xylenes (total)	1.59E-15	NA.	N	N	A	NA.	NA.	1.59E-15	
180	TWOBCANICS									
5	201		,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
AL.	Arsenic	5.6/E-09	1.80E-11	1.08E-11	1.33E-13	3.78E-12	4.36E-12	2.78E-12	3.71E-09	
g.	Cadmium	8.50E-11	1.72E-13	1.27E-14	3.54E-16	2.19E-14	AN	1.61E-14	8.52E-11	
ຮ້	Chromium (III)	3.77E-11	AN	NA	AN	NA	AN	WA	3 77F-11	
Š	Chromium (VI)	1.33E-11	NA	AZ.	N.	AN	AN	AN	1.33F-11	
S	Copper	2.84E-12	N	¥.	N.	AN	1.395-14	AN	2.86F-12	
Iron	. <u>c</u>	6.77E-07	NA	AN	NA	AN	NA	NA	6 77E-07	
Mer	Mercury	3.27E-10	4.35E-12	1.18E-13	4.35E-12	4. 73F-13	AN	7 48F-13	3 37F-10	
Set	Selenium	4.16E-10	NA	AN	NA	AN	AN	NA	4 16E-10	
Sil	Silver	3.80E-11	AM	AN	W	V N			2 000 7	
Zinc		2.72E-11	AN	Y Y	N A	ZZ	1.01E-14	X X	2.72E-11	
3	(volume france)	1 27E-04	1 7/E.OE	1 175 11	707		-			
2	locat (uazard Index)	1.235-00	1./46-05	1.1/E-11	4.58E-12	4.6/E-10	4.38E-12	3.43E-10	1.87E-05	

BEEF SOIL/DUST INGESTION HAZARD HAZARD HAZARD HAZARD HAZARD HAZARD HAZARD AUDTIENT OUTIENT OUTIENT A 5.926-15 2.276-16 5.986-15 3.586-15 3.586-15 3.586-15 3.586-15 3.586-15 3.586-15 3.586-15 3.586-15 3.586-15 3.586-15 3.586-15 3.586-15 3.586-15 3.586-15 3.886-17 3.886-17 3	15 SOLL/DUST FISH NAZARD HAZARD HAZARD QUOTIENT QUOTIENT QUOTIENT HAZARD HAZARD HAZARD QUOTIENT QUOTIENT QUOTIENT 13 9.25E-17 13 1.37E-14 5.36E-15 2.92E-17 13 1.37E-14 5.36E-15 2.00E-17 13 1.37E-14 5.36E-15 2.00E-17 13 1.37E-14 5.36E-15 2.00E-17 13 1.37E-14 5.36E-15 2.00E-17 13 1.37E-16 2.99E-12 2.70E-17 11 1.20E-19 2.59E-12 2.50E-17 12 1.38E-18 2.65E-14 5.67E-17 13 1.36E-19 1.21E-14 5.67E-17 11 1.20E-19 3.25E-12 8.43E-17 11 1.20E-19 1.78E-17 1.24E-17 11 1.20E-19 1.78E-17 5.53E-18 12 1.20E-19 1.78E-17 1.21E-17 13 3.48E-14 9.76E-13 1.21E-17 14 1.01E-15 1.68E-09 1.33E-17 15 2.32E-19 1.45E-09 1.14E-17 16 1.38E-18 1.34E-15 8.38E-17 17 2.32E-15 1.45E-09 1.14E-17 18 1.38E-18 1.34E-15 8.38E-17 18 1.38E-18 1.34E-15 1.53E-14 1.53E-	BEEF SOIL/DUST INGESTION I
		FISH BINGESTION HAZARD
	FISH HAZARD HAZARD HAZARD NA 2.92E-19 2.70E-16 5.67E-19 6.00E+00 5.67E-19 1.24E-20 8.43E-17 5.67E-21 1.49E-18 NA NA NA NA NA NA NA NA NA NA NA NA NA	DX 50

Comparison																																	
Diberzo(a, h) anthracene	×	5.13E-12	3.62E-12	3.65E-13	1.87E-15	9.60E-12	6.22E-13	2.39E-11	1.34E-14	8.59E-11	1.01E-13	3.65E-11	7.80E-16	7.53E-15	1.32E-12	1.05E-14	4.78E-06	2.33E-13	8.89E-15	1.24E-13	3.58E-15		8.44E-09	1.93E-10	8.51E-11	2.99E-11	6.45E-12	1.53E-06	7.65E-10	9.40E-10	8.58E-11	6.14E-11	3.63E-05
Dibenzo(a,h)anthracene	3	5.88E-14	4-41E-14	4.41E-15	2.29E-17	1.18E-13	7.29E-17	2.71E-13	5.78E-18	NA	9.94E-16	3.55E-13	NA	NA	2.70E-15	AN		2,16E-15	NA	AN	AN		2.33E-11	1.35E-13	NA AN	NA	NA	NA	2.91E-12	NA	AN	AN	2.87E-09
Dibenzo(a,h)anthracene	>	5.98E-15	¥.	1.65E-18	7.57E-18	1.21E-16	1.19E-22	NA	NA	NA.	7.16E-20	NA	AN	N	1.08E-18	NA			NA	NA	AN		9.84E-12	NA.	AN	AN	3.14E-14	AN	AN	AN	NA	2.29E-14	9.90E-12
Dibenzo(a,h)anthracene	D	8.64E-14	6.48E-14	6.48E-15	3.36E-17	1.73E-13	1.07E-16	3.98E-13	8.49E-18	N	1.46E-15	5.21E-13	NA	AN	3.96E-15	NA	1.03E-09	3.17E-15	A	A	AN		3.42E-11	1.98E-13	NA	NA	AN	NA	4.27E-12	NA	AN	N	4.22E-09
Dibenzo(a,h)anthracene	⊢	2.87E-14	1.39E-15	2.96E-17	2.13E-19	3.42E-15	2.03E-19	6.48E-15	1.12E-21	W	3.43E-19	2.34E-15	NA	A.	9.63E-18	NA.	3.12E-15	3.95E-19	NA	A.	NA		3.31E-13	8.82E-16	NA NA	AN.	NA.	N.	1.09E-11	¥.	N.	NA	1.14E-11
Dibenzo(a,h)anthracene	w	5.72E-13	2.40E-14	4.04E-16	3.10E-18	5.87E-14	2.22E-18	1.09E-13	6.99E-21	NA	2.26E-18	3.18E-14	AN	AN	1.13E-16	NA.	1.84E-14	2.45E-18	NA	AN	NA		6.24E-11	7.33E-14	NA	NA NA	AN	AN	6.82E-13	AN	AN	AN	6.74E-11
Dibenzo(a,h)anthracene fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthene Fluoranthion Pentachlorobenzene Guinoline Guinoline Frichlorobenzene Trichlorobenzene Silver Cadmium (VII) B. Copper Cadmium (VII) Chromium (VII) Chromium (VII) Copper Iron Mercury Selenium Silver S	œ	1.15E-13	2.82E-13	3.36E-14	1.36E-16	7.14E-13	4.88E-16	3.42E-12	4.43E-16	AN	2.68E-14	9.81E-12	AN	AN	1.21E-14	AN	4.73E-06	7.10E-14	AN	A	NA		3.31E-11	3.04E-13	AN	NA	AN	N	7.46E-12	NA	AN	N	3.36E-05
R NI	G	TABLE 56 4.27E-12	3.20E-12	3.20E-13	1.66E-15	8.53E-12	6.22E-13	1.96E-11	1.30E-14	8.59E-11	7.21E-14	2.57E-11	7.80E-16	7.53E-15	1.30E-12	1.05E-14	5.08E-08	1.57E-13	8.89E-15	1.24E-13	3.58E-15		8.28E-09	1.92E-10	8.51E-11	2.99E-11	6.42E-12	1.53E-06	7.39E-10	9.40E-10	8.58E-11	6.14E-11	2.78E-06
		Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Parathion	Pentachlorobenzene	Phenol	Pyridine	Quinoline	Tetrachlorobenzene	Tetrachloroethene	Toluene	Trichlorobenzene	Trichloroethene	Unsym. dimethyl hydrazine	Vapona	Vinyl acetate	Vinyl chloride	Xylenes (total)	OKGANICS	Arsenic				Copper	Iron	Mercury	Selenium	Silver	Zinc	Total (Hazard Index)
155 22165 22165 2222 2222 2222 2223 2233 2233 2233 22		O 15	216		~	_	220	_	۵.	~			226		228	229	_	_	232	233				~	^	_	_	242					. ~

155	C 8	7	AA	AB
156				
22,0		INFANI HAZAKU INDEX	INDEX	
150				
160		THURS ATTOM	WILL TOTAL	10707
161	8-5-8	UAZADO	THEFET FILE	TAICANT
162	BASE CASE	GIOTIFNT	HAZARD	HAZARD
163			CHOTIENT	INDEX
164			1005	4
165				
166	ORGANICS			
167	Acetone	2.03F-15	6.43F-16	
168	Acetonitrile	3.35F-10	1 325-00	
169	Acrylonitrile	3 25F-10	1 635-11	
170		2 0/E-1/	1 755-12	/ 75
171		140.2	21 -26-1	100
173		7.43E-11	4.046-10	- 200
12		C. 202-13	(.45E-15	. 255
2;		8.58E-13	3.13E-12	.98E-1
1/4		3.31E-14	1.25E-15	.43E-1
175		8.35E-11	2.60E-10	44E-1
176		1.05E-14	3.41E-14	46F-1
177		1,15E-10	4.06F-10	21F-1
178	Benzothiazole	3.91F-13	1.23F-12	62F-1
179		3 16F-10	1 465-13	165-1
180		7. 52E-16	1 7/5-12	705
181		2 775-12	1 200	177
180	Carbon	1 775-13	1 24F 12	-100
184	A-Chloropailino	2 707 6	1,305-13	מאנוי ב
18,		7. (UE- 14	-0/E-1	14E-1
104	Circl Openzene	5.18E-14	2.25E-16	5.21E-14
18,5	/ /-Chicophenyt	1.08E-14	2. YZE - 14	OUE-1
187	Chi orocthono	7 - 101 - 10	. 32E-	100.
188	Chloroform	20000	•	- 1760
180	Dibenzofilian	_	100	1 1
190	Dichlorobenzenes (total)	r	2 00E-14	*
101	1 1-Dichlorosthans	Z 00E-16	E 26E 16	- 5
192	1.2-Dichloroethane	2 265-14	1 105-10	1 245-14
103	1-Dichloroethene	8 105-14	Z 105-15	
701	1 2-Dichloroethene	1 765-15	1 2/2 1	
105	1 2-Dichloropopana	1 775-15	1 225 1	
196	Dieldrin	2 75E-17	4 51E-12	
197	Dimethyldisulfide	3 2/E-12	5 42E-15	- 5
198	Hexachlorobenzene	3 16F-11	2 035.11	
199	Hydrazine	2 7.5E-07	3 425.05	- 5
200	Lindane	8 70F-15	7.34E-1/	7
201	Malathion	1.28F-15	1.815-15	- 4-
202	Methyl chloride	1.22E-14	1.24F-15	-
203	Methylene chloride	9-02E-14	2 24F-14	
204	Methyl ethyl ketone	1_80F-14	4.115-14	-
205	-Methy	1 44E-13	1 20E-13	
206	Monomethyl hydrazine		2.02E-05	- C
207	Naphthalene	40E	1.31E-13	-
208	Naphthalene carbonitrile	.80E-1	6.94E-10	-
509	n-Nitrosodimethylamine	3.74E-11	9.90E-09	0
210	PAHS			
211	Acenaphthalene	~	.13E-1	.83E-1
212	Acenaphthene	~	.93E-1	.63E-1
213	Benzo(a)pyrene	2.79E-12	7.46E-12	1.03E-11
+17	ulrysene	_	.55E-1	.03E-1

AB	1.04E-11	7.96E-12	8.06E-13	4.11E-15	2.11E-11	4.16E-13	2.19E-11	1.01E-14	7.22E-11	2.21E-13	3.16E-11	8.17E-16	4.97E-15	9.31E-13	1.13E-14	9.43E-06	4.87E-13	5.84E-15	9.55E-14	2.35E-15		5.42E-09	1.26E-10	5.57E-11	1.96E-11	4.20E-12	1.00E-06	4.83E-10	6.15E-10	5.62E-11	4.02E-11	
¥	7.57E-12	5.86E-12	5.97E-13	3.02E-15	1.55E-11	9.66E-15	9.04E-12	1.65E-15	1.59E-11	1.73E-13	1.47E-11	3.07E-16	4.07E-17	7.75E-14	4.45E-15	9.40E-06	3.85E-13	2.02E-17	1.44E-14	5.82E-20		빌	말	坚	및	¥	및	및	뿔	및	¥	
TABLE 37	2.79E-12	2.09E-12	2.09E-13	1.09E-15	5.58E-12	4.07E-13	1.29E-11	8.48E-15	5.62E-11	4.72E-14		5.10E-16	4.93E-15	8.53E-13	6.87E-15	3.32E-08	1.02E-13	5.82E-15	8.11E-14	2.35E-15		5.42E-09	1.26E-10	5.57E-11	1.96E-11	4.20E-12	1.00E-06	4.83E-10	6.15E-10	5.62E-11	4.02E-11	200
	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Parathion	Pentachlorobenzene	Phenot	Pyridine	Quinoline	Tetrachlorobenzene	Tetrachloroethene	Toluene	Trichlorobenzene	Trichloroethene	Unsym. dimethyl hydrazine	Vapona	Vinyl acetate	Vinyl chloride	Xyieres (total)	INORGANICS	Arsenic	Cadmium	Chromium (III)	Chromium (VI)	Copper	Iron	Mercury	Selenium	Silver	Zinc	
	215	9	217	218	219	220	~	N	223	4	225	226	227	228	229	230	231	232	233	234		237	238	239	240	241	242	243	544	'n	546	247

0									NA.		82.8742	82.8724	0.000	0.0000	0.0018	0.0000		0.0013			6.0648		12.2150	12.2137	0.000	0.000	0.0013	0.0000		0.0009			0.0424		4.8013		100.0000
U	TABLE 38	RIS	CONTRIBUTION BY PATHWAY		RES-B	BASE CASE		Adult	Inhalation		Ingestion	Vegetables	Milk	Beef	Soil/Dust	Fish		Dermal		child	Inhalation		Ingestion	Vegetables	Milk	Beef	Soil\Dust	Fish		Dermal		Infant	Inhalation		Breast Milk Ingestion		Total
8																																					
ď	253	254	255	256	257	258	259	260	261	262	263	564	265	566	267	268	569	270	271	272	2/3	274	275	276	277	278	279	280	281	282	283	584	285	286	287	288	290

RES-B	88			TABLE 39	
RES-B BASE CASE ORGANICS Acrylonitrile Acryloni	96			ADULT INHALATION CAR	RCINOGENIC R
RES-B BASE CASE ORGANICS ORGANICS Aniline Aniline Benzen Aniline Banzen Carborloriterile 1,4-Dichlorothane 1,2-Dichlorothane 1,1-Dichlorothane 1,2-Dichlorothane 1,3-Dichlorothane 1,1-Dichlorothane 1,1-Dichlorothane 1,1-Dichlorothane 1,1-Dichlorothane 2,0-Dichlorothane 2,0-Dichlorothane 1,1-Dichlorothane 2,0-Dichlorothane 3,0-Dichlorothane 4,0-Dichlorothane 2,0-Dichlorothane 3,0-Dichlorothane 3,0-Dichl	50			5	
ADULT ORGANICS Arylonitrile Arylonitrile Aldrine Aniline Biol 2 - ethylhexyl) phthalate Biol 2 - ethylhexyl) phthalate Carbazole Carbazole Carbazole Carbazole 1,4-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,0-Dichloroethane 2,095-17 4-Methylphanol Methylene chloride Anerodioline Chrysene Dibenzo(a,h)anthracene Dibenzo(a,h)anthracene 2,096-17 Ne Barachion Dibenzo(a,h)anthracene 3,886-15 Chrysene Dibenzo(a,h)anthracene 3,886-15 Chrysene Dibenzo(a,h)anthracene 3,886-15 Chrysene Dibenzo(a,h)anthracene 4,066-19 4,066-19 4,066-19 4,066-19 4,066-19 4,066-19 Arsenic Cadmium Chromium (VI) Type-11 Total INHALATION 2,146-11	32	RES-B		TNHA! ATTON	
CARC. Acrylonitrile	94	BASE		ADULT	
Acylonitrile Aldrin Aniline Aldrin Aniline Aldrin Aniline Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbazole Carbazole Carbazole Carbazole Carbazole 1,4-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane 1,0-Dichloroethane 1,	9			CARC.	
Acylonitrile Aldrin Aniline Aldrin Aniline Aldrin Aniline Aldrin Aniline Aldrin Aniline Aldrin Aniline Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbazole Carbazole Carbazole 1,4-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane 1,0-Dichloroethane 1,0-Dichloroeth	200			RISK	
Acrylonitrile Aldrin Aniline Banzene Banzene Bis(2-ethylhexyl)phthalate Carbazole Carb	80				
Aidrin Aniline Benzene Bis(2-ethylhexyl)phthalate Garbazole Carbazole Carbazole Carbazole Carbon Tetrachloride 1,77E-17 Chloroform 1,4-Dichlorobenzene 1,1-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroet	60		Q.	A 41E-15	
Aniline Benzene Bis2-ethylhexyl)phthalate Carbazole Carbazole Carbon Tetrachloride 1,4-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,0-E-19 Nethylchoroethane 1,0-E-19 Nethylchoroethane 1,0-E-19 Nethylchoroethane 1,0-E-19 Namoniaclioroethane 1,0-E-19 Namoniaclioroe	10	Aldrin		1 715-18	
Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbazole Carbazole 1,4-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroet	Ξ	Aniline		2.08E-17	
Bis(2-ethylhexyl)phthalate 6.24E-20 Carbazole 7.28E-19 Carbon Tetrachloride 7.27E-17 1,4-Dichloroethane 3.16E-20 1,1-Dichloroethane 3.16E-20 1,1-Dichloroethane 3.25E-18 1,2-Dichloroethane 3.25E-18 1,2-Dichloroethane 3.25E-18 Hoxachlorobenzene 7.31E-19 Hoxachloroethane 3.25E-19 Methyl chloride 7.31E-10 Methyl chloride 1.26E-19 Methyl chloride 2.09E-17 4-Methylphenol 1.26E-19 Methyl chloride 2.09E-17 Mormathyl hydrazine 1.26E-19 Methyl chloride 2.09E-17 Chrysene 2.09E-17 Mormathyl hydrazine 1.26E-19 Mormathyl hydrazine 1.35E-19 Mormathyl hydrazine 2.19E-15 Parathion Ne Quinoline 2.19E-15 Tetrachloroethene 4.01E-19 Vinyl chloride 2.19E-15 Tetrachloroethene 4.01E-19 Vinyl chloride 5.26E-16 Chromium (VI) 7.92E-16	12	Benzene		6-05F-19	
Carbazole Carbazole Carbon Tetrachloride 1,728E-17 1,4-Dichlorosthane 1,72-Dichlorosthane 1,72-18 1,72-Dichlorosthane 1,72-Dichlorosthane 1,72-Dichlorosthane 1,73-Dichlorosthane 1,73-Dic	13	Bis(2-ethylh	exyl)phthalate	6-24E-20	
Carbon Tetrachloride 1,37E-17 1,4-Dichlorobenzene 1,1-Dichloroethane 1,2-Dichloroethane 1,3-E-19 1,0-E-19	14	Carbazole		7.28F-19	
Chloroform 1,4-Dichlorobenzene 1,2-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethana 1	5	Carbon Tetra	chloride	1 375-17	
1,4-Dichlorobenzene 3.16E-20 1,1-Dichloroethane 1,70E-18 1,2-Dichloroethane 3.83E-17 1,2-Dichloroethane 3.83E-17 1,2-Dichloroethane 3.83E-17 1,2-Dichloroethane 3.83E-17 1,2-Dichloroethane 3.83E-17 1,2-Dichloroethane 3.83E-18 1,12E-19 1,10Be-11 1,10E-19 1,10E-11 1,14E-11 1,14E-11 1,14E-11	9	Chloroform		7.27E-17	
1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,3-83E-17 1,2-Dichloroethane 1,08E-11 1,12E-19 1,10Be-11 1,10Be-	17	1,4-Dichloro	benzene	3-16F-20	
1,2-Dichloroethane 1,70E-18 1,1-Dichloroethane 3,83E-17 1,2-Dichloroethane 3,83E-17 1,2-Dichloroethane 8,04E-19 Dieldrin 1,08E-11 Lindane 1,12E-19 Methyl chloride 1,12E-19 Methyl phen chloride 1,12E-19 Methyl phen chloride 1,09E-17 4-Methyl phen chloride 2,09E-17 Methyl phen chloride 2,09E-17 Methyl chloride 2,19E-13 Dibenzo(a, h)anthracene 9,88E-15 Chrysene 0,88E-15 Chrysene 1,03E-14 Parathion NE 0,88E-15 Chrysene 0,88E-15 Chromionion (VI) 1,14E-11 Total 1,14E-11	18	1,1-Dichloro	ethane	2	
1,1-Dichloroethene 3,835-17 1,2-Dichloroethene 3,835-17 1,2-Dichloroethene 8,046-19 Dietdrin Hexachlorobenzene 7,816-16 Hydrazine 1,126-19 Methyl chloride 1,566-19 Methyl chloride 2,096-17 Methyl chloride 2,096-17 Methyl chloride 1,566-19 Vapona Vapona 4,606-19 Vinyl chloride 6,156-16 Cadmium (VI) 7,926-16 Total 1,146-11	19	1,2-Dichloro	ethane	1.70E-18	
1,2-Dichloropropane 8.04E-19 Dietdrin Hexachlorobenzene 7.81E-16 Hydrazine 1.08E-11 Lindane 1.12E-19 Methyl chloride 1.56E-19 Methyl chloride 2.09E-17 A-Methylphenol 1.56E-19 Methylphenol 1.56E-16 M	20	1,1-Dichloro	ethene	3.83E-17	
Dieldrin Hexachlorobenzene Hexachlorobenzene Hexachlorobenzene Lindane Lindane Methyl chloride 4-Methylphenol Monomethyl hydrazine N. I 1.03E-19 Hexhylphenol Monomethyl hydrazine N. I 1.03E-17 Hexhylphenol Monomethyl hydrazine N. I 1.13E-10 Hexhylphenol Monomethyl hydrazine N. I 1.16E-11 Hexhylphenol Monomethyl hydrazine N. I 1.14E-11 Hexhylphenol Monomethylphenol Monometh	2	1,2-Dichloro	propane	_	
Hexachlorobenzene 7.81E-16 Hydrazine 1.08E-11 Lindane hydrazine 1.12E-19 Methylene chloride 2.09E-17 4.Methylphenol NE Monomethyl hydrazine 2.19E-13 n.Nitrosodimethylamine 1.03E-14 PAHS Benzo(a)pyrene 9.88E-15 Chrysene 0.88E-15 Chrysene 9.88E-15 Chrysene 9.88E-15 Chrysene 9.88E-15 Tetrachloroethene 2.19E-15 Trichloroethene 2.13E-20 Trichloroethene 4.01E-19 Vapona Vinyl chloride 6.15E-18 Vinyl chloride 6.15E-18 Total 1.14E-11 Total INHALATION 2.	22	Dieldrin			
Hydrazine Lindane Methyl chloride Methylene chloride Methylene chloride 4-Methylene chloride 4-Methylene chloride A-Methylene chloride Benzo(a)pyrene	23	Hexachlorobe	inzene		
Lindane Methyl chloride Methyl chloride 4-Methylphenol Monomethyl hydrazine Nonomethyl hydraz	54	Hydrazine		1.08E-11	
Methyl chloride Methylene chloride 4-Methylene chloride A-Methylene chloride A-Methylene chloride A-Methylene chloride A-Methylene chlorethe Renzo(a)pyrene Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Dibenzo(a,h)anthracene Ouinoline Tetrachloroethene Trichloroethene Vapona Vapona Vinyl chloride INORGANICS Arsenic Cadmium Chromium (VI) A-Methorical Chromium (VI) Chromium (S			1.12E-19	
Methylene chloride 2.09E-17 4-Methylphenol NE Monomethyl hydrazine 2.19E-13 n-Nitrosodimethylamine 1.03E-14 PAHS Benzo(a)pyrene 9.88E-15 Chrysene 9.88E-15 Chrysene 9.88E-15 Dibenzo(a,h)anthracene 9.88E-15 Parathion NE Quinoline 2.19E-15 Tetrachloroethene 2.19E-15 Tetrachloroethene 2.01E-19 Vapona 4.01E-19 Vapona 4.01E-19 Vinyl chloride 6.15E-18 INORGANICS Arsenic 7.56E-16 Chromium (VI) 7.92E-16 Total 1.14E-11	9	Methyl chlor	ide	1.56E-19	
4-Methylphenol Monomethyl hydrazine Anitrosodimethylamine PAHS Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Dibenzo(a,h)anthracene Olibenzo(a,h)anthracene Dibenzo(a,h)anthracene Olibenzo(a,h)anthracene Olibenzo(a,h)anthr	2	Methylene ch	loride	2.09E-17	
Monomethyl hydrazine n.Nitrosodimethylamine PAHS n.Nitrosodimethylamine PAHS Benzo(a)pyrene Pibenzo(a,h)anthracene Pibenzo(a,h)anthrac	20 0	4-Methylphen	٠.	NE	
n.Nitroscolmethylamine 1.03E-14 PAHS Benzo(a)pyrene 9.88E-15 Chrysene 9.88E-15 Chrysene 9.88E-15 Chrysene 9.88E-15 Parathion NE 9.88E-15 Parathion NE 2.19E-15 Itchloroethene 2.19E-15 Vapona 4.01E-19 Vapona 4.60E-19 Vinyl chloride 6.15E-18 INORGANICS Arsenic 7.56E-16 Chomium (VI) 7.56E-16 Total INHALATION 2	2	Monomethyl h	ydrazine	19E	
Pans Chrysene Chrysene Dibenzo(a,h)anthracene Parathion Quinoline Quinoline Quinoline Trichloroethene Vapona Vinyl chloride Vinyl chloride Cadmium Chromium (VI) Total	2 5	n-Nitrosodim	ethylamine	.03E	
Denzo(a)pyrene 9.88E-15 Chrysene 9.88E-16 Dibbazo(a,h)anthracene 9.88E-16 Parathion 8 Quinoline 2.19E-15 Tetrachloroethene 4.01E-19 Vapona 4.01E-19 Vinyl chloride 6.15E-18 INORGANICS 3.20E-13 Cadmium (VI) 7.56E-16 Total 1.14E-11	- 5	PAHS			
Universe Dibenzo(a,h)anthracene 9.88E-16 Parathion Quinoline 2.19E-15 Tetrachloroethene 2.19E-15 Trichloroethene 4.01E-19 Vapona 4.60E-19 Vinyl chloride 6.15E-18 INORGANICS 3.20E-13 Cadmium (VI) 7.56E-16 Total 1.14E-11	77	Benzo(a)p	yrene	9-88E-15	
Parathion Quinciline Quinciline Quinciline Tetrachloroethene Trichloroethene Vapona Vinyl chloride Treachion Vinyl chloride Cadmium Total Total Vinyl Chloride Z. 19E-15 4.01E-19 4.01E-19 4.01E-19 7.56E-16 7.56E-16 INHALATION	2 2	Curysene	L) 4.L	9-88E-16	
Total Tota	1 2	Dinenzo(a	, n) anthracene	-	
INHALATION Total Codmium (VI) Total Cadmium (VI) Total Cadmium (VI) Tetrachloroethene 2.19E-15 4.01E-19 4.01E-19 4.60E-19 6.15E-18 7.56E-16 7.95E-16 T.14E-11	2 5	Paratilion		N. S.	
Tricklorethene	1 0	warmor ine		2.19E-15	
Frontoroetnene	2 5	Terrachioroe	tnene	1.13E-20	
Vapona 4.60E-19 Vinyl chloride 6.15E-18 INORGANICS 3.20E-13 Cadmium (VI) 7.56E-16 Total 1.14E-11	200	Irichloroeth	ene	4.01E-19	
Vinyl chloride 6.15E-18 INORGANICS 3.20E-13 Cadmium (VI) 7.56E-16 Chromium (VI) 7.92E-16 Total INHALATION 2	Ž (Vapona		4.60E-19	
INORGANICS Arsenic Arsenic Cadmium Chromium (VI) Total INHALATION	9	Vinyl chlori	de	6.15E-18	
INURGANICS Arsenic Arsenic Cadmium Chromium (VI) Total INHALATION 2	=				
Arsenic 3.20E-13 Cadmium (VI) 7.56E-16 Chromium (VI) 7.92E-16 Total 1.14E-11	42	INORGANICS			
Cadmium (VI) 7.56E-16 Chromium (VI) 7.92E-16 Total 1.14E-11	M	Arsenic		3.20E-13	
Chromium (VI) 7.92E-16 Total 1.14E-11	7	Cadmium		7.56E-16	
Total 1.14E-11 1.NHALATION 2	īŪ		~	7.92E-16	
Total 1.14E-11 INHALATION 2	Q				
INHALATION	7	Total		1.14E-11	
INHALATION	ထ္				
	ō			INHALATION	2 YEARS

9.2.2 Sensitivity Case Emissions — Resident B

D D CO AVERGE TOTAL DRY CALCULATED DEPOSITION COLOL IN RATE G/MZ/yr G/	D AVERAGE M DEPOSITION CALCULATED CALL BATE SOUL IN COLL SOUL IN COLL	D CO CO CO CO COLULATED DEPOSITION CALCULATED CALCULATED CONC IN SOIL SOIL SOIL SOIL SOIL SOIL SOIL SOIL
AVERAGE CALCULATED CONC IN SOIL SOIL SOIL SOIL SOIL SOIL SOIL SOIL	ATO TO THE MET A TO THE TOTAL TOTAL	CONCIN CALCULATED CALCULATED CALCULATED CONCIN SOIL NA 4.02E-09 CONCIN CONCIN CONCIN CONCIN CONCIN CONCIN CONCIN CONCIN CONCIN CONCINC CONCIN CONCIN CONCIN CONCIN CONCIN CONCIN CONCIN CONCIN CONCINC CONCINC CONCIN CONCINC CONCINC CONCIN CONCIN CONCINC CONCIN CONCIN CONCINC CONCIN CONCINC C
	CALCULATED CONC IN SOIL SOIL SOIL SOIL SOIL SOIL SOIL SOIL	A TO THE STATE OF

¥	2.01E-11 2.01E-10	2.01E-10	2.01E-11	7.82E-14	4.02E-10	4.97E-14	2 47E-11	2 05E-12	3.77E-13	NA 777 C	7. 20E-11	1.216-11	¥.	•	6-14E-12	Y Y	9.72E-08	1.9/E-15	AN:	¥.	NA NA		2.99E-09	2.18E-11	AN AN	NA.	AN.	AN	1.15E-70	1.42E-10	AN.	4 42					D*AT*1000	0001140	SD*BD	*	¥ 2
7	1.98E-11 1.98E-10	1.98E-10	1.98E-11	7.71E-14	3.96E-10	4.90E-14	2 43F-11	80F.1	2.5	2 22C . 11	4 405 44	1. IYE. 1.	NA:	AN A	6.05E-12	NA	9.58E-08	1.94E-15	Y.	NA:	NA A		2.94E-09	2.15E-11	NA V	Y.	Y.	NA ATT	1.15E-10	1.4UE-10	¥ :	A A						5		V	₹ C
	1.00E-11 1.00E-10		1.00E-11	3.91E-14	2.01E-10	2.49E-14	1.23F-11	1 97F-13	NA 13	1 175-11	1.135-11	0.00E-12	AZ :	AN C	5.0/E-12	NA.	4.86E-08	V.83E-14	Z :	ď:	Z.		1.49E-09	1.09E-11	YY:	¥.	X :	NA 7/7 24	2. (4E-11	/ . 12E-11	ď ď	₹ 4			4IXING DENSITY			-	• 1	<u>u</u> . u	_
=	9.90E-12 9.90E-11	9.90E-11	9.90E-12	3.85E-14	1.98E-10	2.45E-14	1.22F-11	21-470 L	100	1 115-11	E 075 13	2.7/E-12	X :	A L	5.UZE-12	NA .	4.79E-U8	7.0%E- 14	A.	Y.	AN		1.47E-09	1.08E-11	¥2	AN:		NA CCT 41			Y Y			YES ACCUMULATION WE SOIL DEPTH OF N	M SOIL DEPTH C Kg/M3 SOIL BU	sec/yr		HA! AT ION	tor DF	T.	-
.	7.27E-14 7.27E-13	7.27E-13	7.27E-14	2.83E-16	1.45E-12	1.80E-16	8.92F-14	1 43F-15		8 10E-14	7 201 1/	4.375	¥:	AN C	2.22E-14	Ž	5.52E-10	= :	Y.	<u> </u>	Z.		1.08E-11	7.91E-14	Z.	Y.	Y.	NA L	4.101.13	2	¥ < 2	ZZ			0.1 .43E+03		Dilution Factor	6 96F-02 TNHA! ATTON	eposition Fac	2.55E-04 DRY 5.02F-03 DRY/U	יייטבר מז
<u>.</u>	1.43E-12 1.43E-11	1.43E-11	1.43E-12	5.57E-15	2.86E-11	3.54E-15	1-76F-12	2.81F-14	101	1 615-12	0 47F 17	0.035-13	¥:		4.5/E-15	NA .	6.93E-09	1.40E-14	¥:	ď:	A		2.13E-10	1.56E-12	Y.	Y.	¥:	ZA C		I.Ole.II	X ×	K Z					-	•	۵		
	1.98E-11 1.98E-10	1.98E-10	1.98E-11	7.73E-14	3.97E-10	4.91E-14	2-44F-11	3 OUE-13	2 175.00	2 225-11	1 200 4	1.505.	4. 105-15	0.0/E-12	6.U6E-12	4.46E-12	9.60E-08	1.745-13	2.70E-12	2.33E-12	4. / OE-13		2.95E-09	2.16E-11	8.74E-11	3.08E-12	2.21E-10	0.74E-UD	1.135-10	7.416-10	2 275 13	0.95F-10									
TABLE 1-A	2.85E-10 2.85E-09	2.85E-09	2.85E-10	1.11E-12	5.70E-09	7.06E-13	3.50E-10	5.60F-12	2 125.08	3 21E-10	1 725 10	01-32/-1	0.018-12	9.38E-11	8.715-11	6.47E-11	1.58E-U6	Z. (7E- 12	5. YOE - 11	2.0/6.1	0.64E-12		4.24E-08	3.10E-10	1.26E-09	4.42E-11	3.1/E-09	7.08E-U5	2 001 00	5 215-09	3 2/E 14	1.435-08	!								
د	Chrysene Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Parathion	Pentachlorobenzene	Phenol	Pyridina	Oilinol ine	Totrach orchonsono	Totach openie	Tollione	Tricklene	r chloropenzene	Fich to be then e	Unsym. dimetnyl nydrazine	Vaporia	Vinyl acetate	Virial children	vytenes (total)	INORGANICS	Arsenic			Chromium (VI)	Copper	Load	Lead	Selentim	Silver	Zinc									
20																						INO																			

D CO AVERAGE MAXIMUM AVERAGE CALCULATED
COLCULATED CALCULATED
CO AVERAGE CALCULATED CONC IN \$01L . 1M #4,73E-09 7,35E-19 2,66E-10 1,58E-11 1,38E-14 1,36E-12 1,48E-11 1,48E-11

×	1.20E-11	1.20E-10	20E	1 205-11	71-302-1	1000	7 57F 10	2.9/E- 14	1.47E-11	2.36E-13	AN	1.35E-11	7.24F-12	NA	Z N	3.67E-12	NA	5.81E-08	1.17E-13	NA	32	NA.		100	1.79E-09	?	NA.	¥.	¥ :	AN .	0.00E-11	0.0	X 2	Z Z									SD*RD	3	ER * X DF
3	1.18E-11	1.18E-10	1 18F-10	1 185 11	7 41E-17	4,01E-14	2 075 47	Z.Y3E-14	1.45E-11	2.32E-13	Ä	1.33E-11	7.14E-12	MA	AN	3-61E-12	N	5.73E-08	1.16E-13	AX	MM	N N			1.76E-09	'n	Y.	Y S	¥ = :	NA 777 4	0 205 11	1 200.0	X <	Z Z									# 8		= 0
r.	6.00E-12	6.00E-11	6.00E-11	6 00E-12	2 3/5-1/	2000	1 705-10	1.496-14	7.5/E-12	1.18E-13	AN	6.76E-12	3.62E-12	NA	NA	1.83E-12	AN	2.91E-08	5.87E-14	N.	AN	AM		2 120	6.935-10	0.335-12	Z :	Z =		Z 7.25-11	7.255.11	MA NA	X X X	Z Z				SOIL BULK DENSITY BD					ı	Ľ.	Li.,
•	5.91E-12	5.91E-11	5.91E-11	5 O1E-12	2 30E-14	1 185.10	1 /75-1/	10,4	7.20E-12	1.16E-13	NA	6.66E-12	3.57E-12	AN	W	1.81E-12	AN	2.86E-08	5.79E-14	AN	N.	NA.		00 00	0.00E-10	0.435-12	Y.	Z Z	4	Z ZBE-11	7 10E-11	NA NA	4	X X		yrs ACCUMULATION TIME	SOIL DEPTH O			sec/yr			HALATION DFI		
	1.44E-13	1.44E-12	1.44E-12	1 44F-13	5 61E-16	2 885.12	2 57E-16	2,775	1.77E-15	Z.85E-15	NA N	1.62E-13	8.69E-14	NA	N	4.40E-14	NA	6.97E-10	1.41E-15	NA	N. Y.	NA		2 4/15.44	1 575-12	CI -3/C* I	Y.	Z 2	N.	8 22c-12	1 025-12	NA	AN	Ä		2.0 yr	7 C	1.43E+03 Kg	1.00E+03 mg	3.15E+07 se		Ditution Factor	1.22E-UT INHALATION Deposition Factor	5.05E-04 DRY	3.00E-03 DR
TABLE 1-B	8.55E-13	8.55E-12	8.55E-12	8.55F-13	3, 33F - 15	1 715-11	2 125.15	4 055 43	1.055-12	1.68E-14	AN	9.63E-13	5.16E-13	AN	AN	2.61E-13	NA	4.14E-09	8.37E-15	NA	NA	NA		1 275.40	0 205-12	7.30E-13	Y X	Y Y		7 80F.12	4 OKE-12	NA NA	ΔN	NA							•	เอ	De		
•	•	anthracene			hrene)			Torobenzene	Prienol	Pyridine	Quinoline	Tetrachlorobenzene	Tetrachloroethene	Toluene	Trichlorobenzene	Trichloroethene	Unsym. dimethyl hydrazine	Vapona	cet	Vinyl chloride	Xylenes (total)	33176	GANICS			-	-	1000	- Bad	Merciry	Selenium	Iver	Zinc											
																		_					TWODCANTOS	25																					
. ~	6	62	63	79	65	99	67	7	8 9	òi	2	7	22	2	74	73	29	17	28	2	ಟ	81	828	2 %	2 %	3 %	2 0	8	8	38	6	92	93	76	83	97	8	100	101	102	104	200	107	108	9

BEEF EXPOSURE NA 9.30E-19 7.19E-21 1.75E-19 6.01E-21 1.38E-19 1.05E-22 1.60E-18 1.05E-22 1.55E-20 1.55E-21 1.55E-21 1.56E-21 1.56E-22 1.56E-22 1.56E-22 1.60E-18 1.56E-21 1.60E-18 1.60E-18 1.60E-18 1.60E-18 1.60E-19 1.60E-18 1.60E-19 1.60E-18 1.60E-19 1.60E-18 1.70E-21 1.70E-21		M1LK EXPOSURE (mg/Kg/day) NA 2.37E-18 NA 4.78E-20 4.78E-20 4.78E-20 3.54E-19 5.49E-19 6.24E-22 NA 4.58E-20 4.58E-20 4.02E-17 4.02E-17 4.02E-17 4.02E-17 4.02E-17 4.02E-22 3.96E-20 4.77E-19 NA NA N	M1LK EXPOSURE (mg/Kg/day) 2.37E-18 4.78E-20 4.43E-19 1.54E-20 3.54E-19 3.54E-19 6.24E-22 1.54E-22 1.54E-20 4.08E-18 6.24E-22 1.08E-21 1.08E-21 1.08E-21 1.08E-21 1.08E-21 1.08E-21 1.08E-21 1.08E-21 1.08E-21 1.08E-22 2.14E-22 1.08E-21 1.08E-21 1.08E-21 1.08E-21 1.08E-21 1.08E-21 1.08E-21 1.08E-21 1.08E-21 1.08E-21 1.08E-21 1.08E-21 1.08E-22 2.14E-22
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ysene oranthene oranthene oranthrene oranthrene orobenzene orocthene orocthe		TABLE 2							
and the continue of the contin	Chrysene	5.67F-15	3.03F-16	3 RFF-18	1 06F-18	2 83F-17	3 55F-19	1 04F-17	A 01E-15
orenthere	Dibenzo(a h)anthracar		6 97E-14	4 200-14	2 475 47	2 025.14	7 055	1 0/5-14	100
10	בו ביים ביים ביים ביים מכם		0.0/ -1/0	01 -307 ·	71.3/0.7	Z.03E-10	11-306-1	01-340-10	2.00E- 16
orene 5.67F-15 7.11E-16 6.32E-19 2.30E-17 1.00E-17 1.00E-17 1.00E-17 1.00E-17 1.00E-17 1.00E-17 1.00E-17 1.00E-17 1.00E-17 1.00E-19 1.00E-17 1.00E-19 1.00E-17 1.00E-19 1.00E-	ruoranthene	5.6/E-14	5.8UE-15	1.72E-17	5.52E-18	2.83E-16	AN	1.04E-16	6.29E-14
marthrene 2.21E-17 2.08E-16 1.06E-20 1.07E-20 1.07E-20 1.07E-20 1.07E-20 1.00E-16 1.	Fluorene	5.67E-15	7.11E-16	6.32E-10	2 30F-10	2.83E-17	2.92F-20	1.04F-17	6.42F-1
The control of the co	Phenanthrene	2 215-17	2 035-18	Z 05E-21	1 NOE. 24	1 105-10	1 015-10	A 05E-20	2 //E
tion to the control of the control o	Dyrana	7 120-12	1000	7 275 47	2 0 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	E 265 46	4 401 40	2000	110
high probanzene	200	1.101.1	#1 - BOO* !	3.2/6-11	1.000	0.00E	1.00E-10	Z.00E-10	1 - 307
1,100000000000000000000000000000000000	raratulon	1.40E-1/	1.45E-18	8.54E-22	3.23E-22	7.00E-20	3.17E-25	2.58E-20	1.56E-1
ne 6.20E-16 1.56E-19 NA 2.06E-17 NA	Pentachlorobenzene	6.96E-15	1.60E-15	1.77E-18	5.83E-19	3.47E-17	AN	1.28E-17	8.61E-1
Continue	Phenol	1 115-16	1 545-14	6 ASE-22	2 KAE-22	5 56E-10	NA	2 N/E-10	2 KRE-1
The control of the co	Dvriding	7 300 7	200	1		-			100.1
1.76=17 1.76=17 1.76=17 1.76=17 1.76=17 1.76=17 1.76=17 1.76=17 1.76=17 1.76=17 1.76=17 1.76=17 1.76=17 1.76=17 1.76=17 1.76=17 1.76=17 1.76=17 1.76=18 1.76=17 1.76=18 1.76=17 1.76=18 1.76=17 1.76=18 1.76=17 1.76=18 1.76		C1 - 302 - 0	NA.	NA.	NA.		Ž	A.	0.4UE-1.
hiorocethene 3,42E-15 1.83E-15 3.77E-19 1.38E-19 1.71E-17 NA 6.28E-18 Nitrocethene 1.20E-16 NA	WUI not the	6.38E-15	2.92E-15	6.63E-20	2.59E-20	•	35E	1.17E-17	9.34E-1
hicknesses 1.20E-16 NA	Tetrachlorobenzene	3.42E-15	1.83E-15	3.77E-19	1.38F-19	1.71E-17	NA	6.28E-18	5 28F-1
1.9fE-15	Tetrachloroethone	1 205-16	No.	MA	N.A.	44	VI	NA	2000
To continue in the interval of	Tolling of the second	1, 1,02.1	¥2.	× .	5	2	**	2	1.505-1
Torobenzene 1.73E-15 1.03E-16 1.26E-19 4.72E-20 8.64E-18 9.59E-21 3.18E-18 oroethene 1.27E-15 1.03E-19 3.84E-18 1.51E-18 1.37E-13 4.39E-21 3.18E-19 oroethene 1.27E-15 1.03E-19 3.84E-18 1.51E-18 1.37E-19 2.74E-19 2.74E-19 2.74E-19 2.74E-19 2.74E-19 2.74E-19 1.02E-19 1.02E-1	auanio	1.97E-15	NA.	¥.	A	AN	AN	A'A	1.916-1
orcethene 1.27E-15 NA	Trichlorobenzene	1.73E-15	03E	-26E-	.72E-		.59E-	3.18E-18	1-85E-1
dimethy! hydrazine 2.74E-11 3.08E-09 3.84E-18 1.51E-18 1.37E-13 4.39E-20 5.04E-19 5.55E-17 2.71E-17 3.13E-22 1.72E-22 2.77E-19 2.12E-25 1.02E-19 2.12E-15 1.02E-19 1.03E-16 NA	Trichloroethene	1.27F-15	N	NA		MA	MA	NA	1 27E-1
## Size of the control of the contro	linesom dimethyl bydanin			2 27.0		14 144			1000
sectate 7.55E-17 2.71E-17 3.13E-22 1.22E-22 2.77E-19 2.12E-25 1.02E-19	disym. dimethyt hydrazir		-085	5.844-18		1.5/E-15	37E-		3.10E-0
## Secretate	Vapona	5.55E-17	-71E	3.13E-22	-	2.77E-19	<u>E</u>		8.29E-1
chloride 7.30E-15 NA	Vinyl acetate	7.87E-16	NA	AN	AN	AN	NA	NA	7.87F-1/
s (total) 1.36E-16 NA	Vinyl chloride	A4116	674	NA.				MA	7 205 7
8.43E-15 1.24E-15 2.28E-15 2.99E-17 4.21E-15 4.89E-15 1.55E-16 6.16E-15 1.03E-15 5.94E-15 2.99E-17 4.21E-15 4.89E-15 1.35E-16 6.16E-15 1.03E-16 5.94E-15 2.99E-17 4.21E-15 4.89E-15 1.35E-16 NA	Victoria Chatal	200-1	¥ :	Z :	¥.	Z :		X .	-30C-
11.55E-16 8.43E-13 1.24E-15 1.28E-15 2.28E-15 2.99E-17 4.21E-15 4.89E-15 1.55E-16 I.M 8.79E-16 I.M 8.79E-16 I.M I.M I.M I.M I.M I.M I.M I.	Ayrenes (total)	1.36E-16	AZ.	Z.	AN	N	AN	AN	1.36E-1
0.	SOLINGO								
Color	Anomica	11.00					100		
6.16E-15 1.03E-16 5.94E-18 2.66E-19 3.08E-17 NA 1.13E-18 Nam (III) 2.50E-14 NA	7 OC 11	0.435-13	1.44E-15	4.48E-15	736-16	4-CIE-15	4.8%E-15	1.325-16	8.56E-1.
Name	Cadmium	6.16E-15	1.03E-16	5.94E-18	2.60E-19	3.08E-17	NA	1.13E-18	6.31E-1
S	Chromium (III)	2.50E-14	A.	AN	AN	NA.	AN	A'N	2-50F-14
1		8 705-14			N.N	-	7.5	•	201
br 20 M3/day		07.75-10	X .	Y :	Y.	Y.	Z I	AN:	0. (YE - 10
1.92E-09 NA	-coloci	0.3UE-14	AN	A'N	A.	AN.	-1/E	AN	6.4ZE-14
3.24E-14 NA	Iron	1.92E-09	AN AN	AN	AN	AN	AN	NA.	1 02F-00
Interpretation dose = Cair*br*ef/bw/cf	Lead	71-376 2	NA	VI V	NA	NA	VA.	NA.	Z 2/E-1
11.7 4.0ZE-14 9.48E-16 1.55E-17 1.14E-15 2.0UE-16 NA 7.57E-18 1.0M	None in the second	2001							7.645
1.04E-13 NA	wei cui.	4.UZE-14	7.48E-16	1.55E-1/	. 14E-		A	-3/E-	4.25E-14
br 2.84E-15 NA	Selenium	1.04E-13	AN	NA	NA.	NA A	A	NA	1.04E-1
br 2.59E-15 NA NA NA NA 2.59E-15 NA 2.59E-15 NA by 70 Kg	Silver	6.44E-16	N.	AN	AN	AN	AN	AN	6.44E-10
br 20 M3/day D*AT*1000 C*********************************	Zinc	21-378 C	NA	NA	NA.	NA	FOE.	N.A.	2 87E-1
20 M3/day D*A1*100 70 Kg 365 days/yr 365000 (1000 ug/mg)*(365 day/yr) AC = ER *							1		2
20 M3/day 70 Kg 365 days/yr 365000 (1000 ug/mg)*(365 day/yr) AC = ER *									
20 M3/day D*AT*100 70 Kg 365 days/yr 365000 (1000 ug/mg)*(365 day/yr) AC = ER *									
70 Kg 365 days/yr 365000 (1000 ug/mg)*(365 day/yr) AC = ER *		br		/day		D*AT*1000			
365 days/yr SD*BD 365000 (1000 ug/mg)*(365 day/yr) AC = ER * natation dose = Cair*br*ef/bw/cf		30							
365000 (1000 ug/mg)*(365 day/yr) AC = ER *		p.		We/Wr		CD*RD			
Joseph (1900 ug/mg/~(Jos day/yr) AC = ER *		4		73/ 71	Annah Jan				
= Cair*br*ef/bw/cf		5		c) (Sill/Bn non		-			
H					*	11 TX			
		Inhalation dose	11	10/11/v+					

		TABLE 3							
SENSITIVITY CASE		ADULT TOTAL E	EXPOSURE - MAX	MAXIMUM					
	18-Jun-91	INHALATION	VEGETABLE	MILK	BEEF	SOIL/DUST EXPOSURE	FISH	DERMAL	TOTAL
	16:31:23 RES-B	(mg/Kg/day)	(mg/Kg/day)	(mg/Kg/day)	(mg/Kg/day)	(mg/Kg/day)	(mg/Kg/day)	(mg/Kg/day)	(mg/Kg/day)
ORGANICS									
Acetone		2.51E-15	NA	NA	NA	NA.	NA	NA	2.51E-
Acetonitrile		2.27E-12	1.95E-11	2.42E-18	9.45E-19	1.15E-14	7.76E-21	4.22E-15	2.18E-11
Acrylonitrile		9.64E-13	NA	AN.	AN	NA TOT	NA C	X X	9.64E-
Aniline		3.52E-18	6.76E-18	1.45E-18	1.64E-19	1.78E-20	2.81E-27	6.55E-21	1.19E-
Atrazine		7 875-16	2 02E-15	2 14E-20	4 77E-21	2 00E-18	0 005-19	2.5/E-16	Z.49E-
Benzaldehyde		5.81E-14	2.74F-14		1 44F-19	2.94F-16	2 51F-20	1 085-14	8 505
Benzene		7.30E-16	AN	NA	NA	NA		NA	7.30E-
Benzofuran		2.82E-13	7.32E-14	7.66E-18		1.43E-15	5.53E-19	-	3.58E-
Benzoic Acid		2.84E-14	8.88E-15	2.90E-19	.04E	1.44E-16		5.29E-17	3.75E
Benzonitri (e		6.20E-13	2.68E-13	4.50E-18	-66E	3.14E-15		1.16E-15	8.93E-
Biphenyl		2 8/5-12	/ - 25E- 1/	3.10E-21	1.125-21	1.346-18		4.92E-19	3.59E-
Bis(2-ethylhexyl)phthalate	hthalate	1.56F-16		1 375-15	1 545-16	7 OUE-10	~	2 01E-10	1 015
Carbazole		1.27E-15	2.13E-16		23	6.45E-18	3.31E-21	2.37E-18	1.50F-
Carbon Tetrachloride	de	3.70E-15				N	NA	NA	3.70E-
4-Chloroaniline		7.30E-17	2.18E-17	7.12E-22	2.57E-22	3.69E-19	9.45E-22	1.36E-19	9.53E-
Chlorobenzene		1.75E-16		NA.	N	NA	NA	NA	1.75E-
4-Chlorobiphenyl		1.80E-16	1.50E-17	2.63E-19	3.80E-20	9.10E-19	3.39E-22	3.35E-19	1.96E-
Chloroethane		6. 44F-15	3 06F-15	2.7 IE-20	1 615-21	4.36E-20	1 01E-24	1.08E-20	9.795-
Chloroform		3.146-14	NA		NA E	NA	NA S	NA	3.146-
Dibenzofuran		5.67E-15	6.29E-16	1.67E-18	3.13E-19	2.87E-17	2.19E-20	1.06E-17	6.34E-
Dichlorobenzenes (total)	total)	7.30E-16	NA	NA	NA	AN	Ä	NA	7.30E-
1,4-Dichlorobenzene	zene	4.61E-17	AN :	Y.	AN	Y.	NA	Y.	4.61E-
1 2-Dichlomoethane		2.09E-15	-	A L		NA L	¥.	¥ 5	2.09E-
1.1-Dichloroethene		1 125-15	7.4 IE - 10	4.34E-21	1.01E-21	3.50E-16	5.73E-23	1.21E-18	1.60E-
1.2-Dichloroethene		9-66E-16	Z Z	Z Z	Y A	4	NA	Z 7	0 666-
1,2-Dichloropropan	e)	4.14E-16	NA	A	Y.	AN	NA	AN	4.146-
Dieldrin		6.46E-18	8.27E-17	1.71E-19	2.02E-20	3.27E-20	1.08E-24	1.20E-20	8.94E-
Dimethyldisulfide		1.78E-15	NA	NA	NA	AN	AN	NA	1.78E-
Hexach Lorobenzene		1.71E-14	2.46E-15	8.73E-17	1.12E-17	8.65E-17	4.30E-19	3.18E-17	1.98E-
Hydrazine		2.21E-11	5.61E-09	1.65E-18	6.49E-19	1.12E-13	3.52E-20	4.11E-14	5.63E-
Melethion		5.00E-18	5 /4E-19	Z.USE-22	5.52E-25	1.526-20	4.75E-26	5.59E-21	3.60E-
Methyl chloride		0.075-10	1.035-10	22.20E.CC	7.04E-23	4.496-60	0.00E+00	1.65E-2U	- 30E-
Methylene chloride		5 275-16	Y Y	A V	A N	A S	Y X	Y Y	8.6/E-
Methyl ethyl ketone	Œ	1,10F-15	4 54F-15	2,11F-21	8.18F-22	555-	0 005+00	04E-1	5 655.
4-Methylphenol		9.94E-16	6.44E-16	1.10E-20	3.916-21	5.03E-18	2.71E-23	1.85E-18	1.65E-
Monomethyl hydrazine	ne	6.96E-12	1.22E-09	5.22E-19	2.05E-19	.52E-	1.12E-20	.30E-1	1.22E-
Naphthalene		1.17E-16	2.61E-17	8.70E-21	2.21E-21	.94E-1	1.48E-19	2.18E-19	1-44E-
Naphthalene carbonitrile	itrile	6.20E-13	1.38E-13	4.60E-17	1.17E-17	.14E-1	3.42E-18	.16E-1	7.63E-
n-Nitrosodimethylamine PAHs	mine	7.08E-15	7.54E-13		12E-	.58E-1	0.00E+00	.32E-1	7.62E-
Acenaphthalene		2.82E-14	6.70E-15	7.55E-18	1.44E-18	1,43E-16	1.05E-19	5.26E-17	3.51E-14
Acenaphthene		2.82E-14	3.44E-15	-68E-	1.15E-18	1.43E-16	4.07E-20	5.26E-17	3.19E-
			1	1	1 1 1	-	1		-

٦	8	O	AD TARIF 3	AE	AF	AG	АН	AI	AJ	AK	
41		Chayloop	E 475 45	1 7/5 4/	7 027	LOC	17				
		ciii yacile	3.0/E-13	4.30E-10	3.93E-1/	1.285-18	2.8/E-1/	5	1.06E-17	6.21E-15	
70		Dibenzo(a,h)anthracene	5.67E-14	1.98E-15	2.97E-15	3.45E-16	2.87F-16	7 05E-17		4 2/E-11	
63		Fluoranthene	5 67E-14	7 175-15	1 K7E-1K	2 23E-17	2 875-16	1		1, 1,1	
44		Figures	2 72 15	0 501.46	100	121	20.00	AN CO		0.445-14	
			2.0/6-13	0.305-10	Z.00E-10	4-725-19	Z.8/E-1/	2.92E-20		6.56E-15	
6		Phenanthrene	2.21E-17	2.56E-18	1.61E-20	2.56E-21	1.12E-19	1.01E-19		21-307-5	
99		Pyrene	1.13E-13	1.36E-14	3.05E-16	4.12E-17	5 74F-16	1 KNE-18		1 285.12	
29		Parathion	1 40F-17	1 70F-18	2 30F-21	4 ROF-22	7 115-20	7 17E-2E	2 44 20	1,505.13	
88		Dontach Cachanage	2007	701	14.14.14.14.14.14.14.14.14.14.14.14.14.1	100	7 505 41	3-1/6-63		1.3%E-1/	
2 0		Starting openiente	0.90E-13	1.70	1.3 E-1/	Z-08E-18	5.52E-1/	A		8.81E-15	
6		Phenol	1.11E-16	1.60E-16	7.26E-22	2.70E-22	5.64E-19	AN		2 72F-16	
2		Pyridine	6.20E-13	NA	NA	NA	MA	NA		4 20E-12	
7		Quinoline	6.38F-15	3 10F-15	7 82F-20	2 75E-20	7 27E-17	4 ZEC-21	105 47	0.505	
72		Tetrachiorohenzene	2 / 35-15	1 0/5-15	1 455.19	2 025 10	4 725 47	1	772 40	7.355 13	
1		Totach another	77.100	1.74E		C.OCE 17	1.30.1	Z.	0.3/E-18	5.58E-15	
2 .		errachtoroethene	1.20E-16	Y.	Y.	A	NA NA	A	Ā	1.20E-16	
4		loluene	1.91E-15	¥4	A	NA	AN	X	AN .	1.91E-15	
2		Trichlorobenzene	1.73E-15	1.44E-16	3.90E-19	7.72E-20	8.77E-18	9.59F-21	3 22F-18	1 805-15	
92		Trichloroethene	1-27E-15	AN	NA		AN	NA		1 275.15	
7		Unsym. dimethyl hydrazine	2 7/E-11	Z 12E.00	Z OUE. 18	4 SZC. 10	4 ZOF 42	707 /		1 4TE 00	
78		Vanona	5 55c-17	2 875-17	2 20E 22	07 370 1	2 245 13	4.396-20	7.1.15.14	5. 15E-09	
		Wind postate		71.370.7	3.375-66	77-2/2-1	2.01E-19	2.14E-25		8.46E-17	
		vinyl acetate	1.8/E-16	¥.	NA.	AN	NA.	A	AN	7.87E-16	
		vinyl chloride	7.30E-16	Ä	¥	NA	NA	NA	N.	-30E-	
2 2		Xylenes (total)	1.36E-16	NA NA	¥.	NA NA	NA	NA	N.	1.36E-16	
	0										
3	Š	INUKGANICS	1								
		Arsenic	8,43E-13	2.03E-14	1.22E-14	1.50E-16	4.27E-15	4.89E-15	1.57E-16	8.85E-13	
82		Cadmium	6.16E-15	2.44E-16	1.80E-17	5.03E-19	3.12E-17	NA	1 155-18	4 46E-15	
86		Chromium (III)	2.50E-14	AN	AN	AN	NA	NA	AM	2 50F-14	
		Chromium (VI)	8-79E-16	AN	AN	AN	AN	MA	VW	202.14	
88	_		6.30F-14	AM	NA	Z Z	4			0.75-10	
_		Lon	1 025-00	NA.	NA NA	Y W	44		Y Y	9-47E-14	
_		Cad	Z 2/E-1/	¥ **	2 4	Z = 2	¥ :	X.	AN.	1.92E-09	
			J. C4E- 14	NA C	2	2	ž	A	NA.	3.24E-14	
		mercury	4.0ZE-14	1.8/E-15	5.0/E-17	1.87E-15	2.03E-16	AA	7.48E-18	4.42E-14	
		Selenium	1.04E-13	NA N	NA	Ā	A.	NA	NA	1_04E-13	
	•	Silver	6.44E-16	NA A	AN	₹ Z	¥	AN	NA	A 44F-16	
	•	Zinc	2.84E-13	NA	NA	NA.	NA	2.59E-15	AM	2 R7E-13	
0,0											
98			h		M3/day						
8 8			Đ.	70 Kg	Kg						
30.5			cf		day/yr (1000 ug/mg)*(365 day/yr)	65 day/yr)					
.											
M			Inhalation dose	= Cair*br*ef/bw/cf	/bw/cf						

nnatation dose = Calf.abr.et/bW/ct

18-3ur-9 1844ATIO VEEETABLE RILK BEEF SOIL/DUST FISH DEBMAL										
Secondary Seco		18-Jun-91 16:31:23 RES-B	INHALATION EXPOSURE (mg/Kg/day)	VEGETABLE EXPOSURE (mg/Kg/day)	MILK EXPOSURE (mg/Kg/day)	BEEF EXPOSURE (mg/Kg/day)	SOIL/DUST EXPOSURE (mg/Kg/day)	FISH CONSUMPTION (mg/Kg/day)	DERMAL EXPOSURE (mg/Kg/day)	TOTAL (mg/Kg/day)
Maintaile 5.18E-15 3.48E-11 1.37E-17 2.38E-18 1.08E-13 1.75E-20 3.48E-14 1.37E-17 2.38E-18 1.08E-13 1.75E-20 3.48E-14 1.37E-17 2.38E-18 2.38E-18 2.38E-18 2.38E-18 2.38E-18 2.38E-18 2.38E-19	SANICS									
1.000 1.00	Acetone		5.66E-15			Ą	ΔN.	VN.	M	5 44E
The control of the	Acetonitrile		5.12E-12	1-7	-	32E	.02E-1	.75E	48E-	3.95E
and delivery controls 2.37E-19 2.36E-18 4.37E-19 5.76E-19 5.37E-19 1.50E-19	Acrylonitrile		2.18E-12	•	•	NA	•	NA	¥	2.18E
and delivered to the control of the	Aniline		7.90E-18	,,,	Ni c	1.79E-20	1.59E-19	6.34E-27	5.40E-20	1.83E
1,11 1,12 1,12 1,13 1,14	Atrazine		1 78F-15	4 10	2.30E-18	4.555-19	5.74E-15	5.27E-19	1.96E-15	5.28E
oric relations of 1.8Ee-15	Benzaldehyde		1.31E-13	, L(1	2.04E-18	3.45E-10	2 62E-15	5 47E-20	8 01E-16	7 92E
orientic circle of AZE-14 1.15E-14 3.17E-17 5.3ZE-18 1.2ZE-18 4.3ZE-19 4.3ZE-19 confirmine characteristic circle of AZE-14 466-18 2.3ZE-17 5.9ZE-19 4.9ZE-19 6.7ZE-19	Benzene		1.65E-15	•	NA NA	NA NA	NA NA	NA NA	NA NA	1 455
onitrile 6.42E-14 1.56E-16 1.56E-18 2.47E-19 1.55E-19 4.50E-20 4.35E-19 6.72E-19 6.7	Benzofuran		6.38E-13	•		5.32E-18	1.27E-14	1.25E-18	4.33E-15	7.66E
contribute 5.97E-16 1.26E-17 3.99E-18 2.80E-14 6.77E-19 9.52E-15 and northance 5.97E-16 1.26E-17 3.99E-18 2.80E-14 6.77E-19 9.52E-15 and northance 5.97E-16 1.26E-16 1.19E-17 5.07E-19 9.52E-15 and northance 5.97E-16 2.66E-19 2.97E-16 2.64E-19 4.39E-20 5.74E-17 7.06E-18 1.96E-17 1.06E-18 1.06E-19 2.97E-16 2.64E-19 4.39E-20 5.74E-17 7.06E-18 1.96E-17 1.06E-18 1.06E-17 2.06E-22 3.29E-8 2.32E-8 1.12E-18 1.06E-17 2.06E-19 2.06E-19 3.06E-19 1.06E-19 1.06E-19 1.06E-19 1.06E-19 1.06E-19 1.06E-19 1.06E-19 1.06E-19 2.06E-19 3.06E-19 1.06E-19 1.06E-	Benzoic Acid		6.42E-14	•		2.47F 19	.28E-1	4.96E-20	4.36E-16	8.17E
Complexity Complex	Benzonitrile		1.40E-12	•		3.99E-18	.80E-1	6.74E-19	9.52E-15	1.93E
BistC-eithylheav() phthalate 3.32E-16 3.32E-16 1.20E-17 7.00E-18 7.34E-24 2.40E-18 Carbozole Carbozole 2.56E-16 3.92E-16 4.39E-20 5.74E-17 7.46E-21 1.96E-17 Carbozole 3.52E-16 3.95E-17 3.6F-21 4.39E-20 5.74E-17 7.46E-21 1.96E-17 Chloropoliphenyl 4.06E-16 3.96E-17 2.11E-19 3.0E-20 8.2PE-2 2.76E-18 4, Chlorobiphenyl 2.06E-16 2.0E-17 2.11E-19 3.0E-20 8.76E-22 2.76E-18 4, Chlorobiphenyl 2.06E-16 2.20E-19 3.87E-20 2.90E-16 4.32E-22 2.76E-18 A, Chloropiphenyl 2.06E-16 2.20E-19 3.87E-20 2.90E-16 4.32E-20 3.87E-20 2.90E-16 3.87E-20 2.90E-16 4.32E-20 3.88E-17 3.88E-19 3.87E-20 3.98E-17 3.98E-17 3.88E-17 3.88E-17 </td <td>Rinhenvl</td> <td></td> <td>5.9/E-10</td> <td></td> <td></td> <td>2.65E-21</td> <td>19E-1</td> <td>5.67E-24</td> <td>4.06E-18</td> <td>7.39E</td>	Rinhenvl		5.9/E-10			2.65E-21	19E-1	5.67E-24	4.06E-18	7.39E
Carbasole (1961) Carbasole (1962) Carbasole (1961) Carbasole (1962) Carbasole (1961) Carbasole (1962) Carbasole (1961) Carbasole (1962) Carbon Tetrachloride (1962) Carbon Tetrachlor	Bis(2-ethylhexyl)	withslate	3.52F-16	Į4	72F.1	1 20E-17	A P	A L	Z C	6.42E
Carbon Tetrachloride 8.35E-15 NA NA <th< td=""><td>Carbazole</td><td></td><td>2.88E-15</td><td>, 10</td><td></td><td>4.39E-20</td><td>745</td><td>-34C-</td><td>-40E-</td><td>7.38E</td></th<>	Carbazole		2.88E-15	, 10		4.39E-20	745	-34C-	-40E-	7.38E
4-Chlorobeine 1.65E-16 3.95E-17 3.61E-21 6.09E-22 3.29E-18 2.13E-21 1.12E-18	Carbon Tetrachlor	ide	8.35E-15			NA	×	X	NA	8.35E
Controlipheny Control	4-Chloroaniline		1.65E-16	3.95E-	.61E-		3.29E-18	. 13E-	1.12E-18	2.09E
Total prienty 2.06E-19 1.05E-17 2.11E-19 3.10E-20 8.10E-18 7.66E-22 2.76E-18 1.20E-18 1.20E-19 1.20E-19 1.20E-19 1.20E-19 1.20E-19 1.20E-19 1.20E-19 1.20E-23 1.30E-19 1.20E-19 1.20E-19 1.20E-19 1.20E-19 1.20E-23 1.30E-19 1.20E-19 1.20E-1	Chlorobenzene		3.96E-16	AN.	NA .	NA.	ž	X X	NA	3.96E
Today (1.5)	4-Chlorobiphenyl		4.U0E-16	1.66E-	2.116-19	3.10E-20	8.10E-18	-66E-	2.76E-18	4.34E
roform 7.09E-14 NA	Chloroethane		1.45E-14	5.66F	2.20E-20	3.20E-21	4.08E-19	2.2E	1.39E-19	2.16E-
1.28E-14 7.76E-16	Chloroform		7.09E-14	X	NA	NA E	NA NA	NA NA	NA	Z.U0E-
1.6fE-15	Dibenzofuran		1.28E-14	.76E		.43E-	.55E	-94E-	70E-	1.395-
4-Dichlorobenzene 1.04E-16 NA	Dichlorobenzenes (total)	1.65E-15	NA	NA NA	NA	NA		X	1.65E-
1,47E-15	1,4-Dichlorober	zene	1.04E-16	Y.	¥:	NA:	NA	NA	NA	1.04E-
Dichlorocthene 2.52E-15 NA	1 2-Dichloroethane		4.7 IE-15	A L	•	¥ S	NA .	NA !	YY.	4.71E-
Dichloroethene 2.18E-15 NA	1.1-Dichloroethene		2 525-15	9 2		- 386	. 94E-1	-29E-	9	3.02E-
Dichloropropane 9.34E-16 NA	1,2-Dichloroethene		2.18E-15	AN	Z Z	¥ 7	Z Z	Z Z	Z =	7.52E-
drin 1.46E-17 1.2E-16 4.94E-20 5.02E-21 2.91E-19 2.44E-24 9.92E-20	1,2-Dichloropropan	ē	9.34E-16	N	Y.	Z Z	AN	Z Z	Y N	2,50
thyldisulfide 4.01E-15 NA	Dieldrin		1.46E-17	1.22E-16		.02E-	-91E-1	-47F	92F.	1 375
Chlorobenzene 3.86E-14 3.09E-15 4.20E-17 5.47E-18 7.70E-16 9.71E-19 2.62E-16 azine 3.86E-14 3.09E-11 1.04E-08 9.42E-18 1.59E-18 7.50E-20 3.39E-13 arzine 4.98E-11 1.04E-08 9.42E-18 1.59E-18 7.50E-20 3.39E-13 7.50E-20 3.39E-13 arzine 4.08E-17 1.52E-18 1.24E-21 2.07E-22 4.00E-19 0.00E+00 1.36E-19 1.36E-19 1.06E-15 4.00E-19 0.00E+00 1.36E-19 1.36E-19 1.36E-19 1.36E-19 1.36E-19 1.36E-19 1.36E-19 1.36E-17 0.00E+00 1.68E-17 1.36E-19 1.36E-17 1.36E-19 1.36E-17 1.36E-19 1.36E-17 1.36E-19 1.36E-17 1.36E-19 1.37E-16 2.37E-19 2.37E-19 1.37E-16 2.37E-19 1.37E-16 2.37E-19 1.37E-16 2.37E-19 1.37E-16 1.36E-17 1.37E-16 1.37E-16 1.36E-17 1.37E-16 1.37E-16 1.36E-17 1.37E-16 1.37E-16 1.37E-16 1.37E-16 1.37E-16 1.37E-16 1.37E-17 1.37E-18 1.37E-17 1.37E	Dimethyldisulfide		4.01E-15		AN.	NA	NA	¥	NA	4.01E-
Arichaelee Carbonitrile 1.57E-16 1.59E-18 1.59E-18 7.96E-20 3.39E-13 1.96E-20 1.35E-19 1.07E-25 1.35E-19 1.07E-25 1.35E-19 1.07E-25 1.05E-22 1.35E-19 1.07E-25 1.07E-25 1.07E-25 1.07E-25 1.07E-25 1.07E-25 1.07E-25 1.07E-25 1.00E-19 0.00E+00 1.36E-19 1.03E-15 1.03E-15 1.03E-15 1.03E-15 1.03E-15 1.03E-15 1.03E-16 1.03E-16 1.03E-16 1.03E-17 1.03E-19 1.03E-	Hexachlorobenzene		3.86E-14		4-20E-17	-47E-	.70E-	71E-	2.62E-16	4.27E-
thion 2.08-18 6.04E-19 6.29E-22 1.35E-19 1.07E-25 4.61E-20 1.56E-19 1.07E-25 4.61E-20 1.36E-19 1.07E-25 4.61E-20 1.36E-19 1.06E-19 0.00E+10 1.36E-19 1.37E-19 1.37E-1	Hydrazine		4.98E-11		9.42E-18	.59E-	.95E-	7.96E-20	3.39E-13	1.04E-
Control of the contro	Lindane		0.785-18		6.29E-22	.05E-	.35E-	1.07E-25	4.61E-20	7.77E-
Vt Children 1,90e-15 NA	Mather at land de		2.00E-17		1.24E-21	.07E-	-00E-	0.00E+00	1.36E-19	2.21E-
thylphenol 2.25E-15 7.86E-15 1.78E-20 2.00E-21 4.94E-17 0.00E-00 1.68E-17 1.78E-15 5.47E-20 9.23E-21 4.48E-17 6.13E-23 1.53E-17 1.50E-18 1.52E-19 1.80E-18 1.52E-15 1.50E-17 1	Methylene chloride		1 185-12	Z Z	¥ S		AN:	NA:	NA:	1.96E-
thylphol	Mothyl othyl boton		2 / 75 15	7 07 4E	AN P	2	NA.	NA		1.18E-
Light Hydrazine 2.55E-19 2.97E-19 5.03E-19 4.48E-17 6.15E-23 1.53E-17 1.53E-19 1.53E	A-Mothyl etnyl keton	ט	2 255-15	0 025-15	1.185-20	7	4.94E-17	0.00E+00	-68E-1	1.04E-
thalene 2.55E-16 2.45E-17 2.58E-20 4.29E-21 5.29E-18 3.35E-19 1.07E-13 1.40E-15 2.55E-16 2.58E-20 4.29E-21 5.29E-18 3.35E-19 1.80E-18 1.80E-18 1.80E-18 2.27E-17 2.80E-14 7.72E-18 9.52E-15 1.80E-18 1.27E-17 2.80E-14 7.72E-18 9.52E-15 1.80E-18 1.27E-17 3.19E-16 0.00E+00 1.09E-16 1.09E-16 1.09E-16 1.80E-18 1.27E-15 2.37E-19 4.33E-16 1.80E-18 1.27E-15 9.18E-20 4.33E-16 1.80E-18 1.27E-15 9.18E-20 4.33E-16 1.80E-18 1.27E-15 9.18E-20 4.33E-16 1.80E-18 1.27E-15 9.18E-20 4.33E-16	Monomethy bydrozi		1 575-11	2 755 00	2 077 40	7	4.48E-17	6.13E-23	.53E-1	3.34E-
thatene carbonitrile 1.94E-12 1.94E-13 1.37E-14 2.27E-17 2.80E-14 7.72E-19 1.80E-18 1.60E-18 9.52E-15 1.60E-14 1.14E-12 3.08E-20 5.21E-21 3.19E-16 0.00E+00 1.09E-16	Nanhthal one	<u>D</u>	2 455.14	2 495-17	2 585 30	2	5.14E-15	2.52E-20	.07E-1	2.47E-
trosodimethylamine 1.50E-14 1.14E-12 3.08E-20 5.21E-21 3.19E-14 7.72E-18 9.52E-15 1.09E-16 1.	Naphthalene carbon	4.	1 405-12	1 0/5-12	1 275 16	7;	5.29E-18	3.35E-19	-80E-1	3.09E-
enaphthalene 6.38E-14 9.14E-15 1.30E-17 2.10E-18 1.27E-15 2.37E-19 4.33E-16 enaphthene 6.38E-14 4.37E-15 1.11E-17 1.81E-18 1.27E-15 9.18E-20 4.33E-14	n-Nitrosodimethyla	nine mine	1 40E-16	1 1/4-12	1.3/E-10	- 5	Z 10F 14	7.72E-18	.52E-1	1.63E-
ne 6.38E-14 9.14E-15 1.30E-17 2.10E-18 1.27E-15 2.37E-19 4.33E-16 6.38E-14 4.37E-15 1.11E-17 1.81E-18 1.27E-15 9.18E-20 4.33E-14	PAHS	2	100	111111	3.00E-20	Ž	3.196-10	0.005+00	.09E-1	1.16E-
6.38E-14 4.37E-15 1.11E-17 1.81E-18 1.27E-15 9.18E-20 4.37E-14	Acenaphthalene		6.38E-14	9.14E-15	1.30E-17	.10	.27E-1	2.37E-19	4.33E-16	7.46E-
יייי יייי ייייי ייייי יייייי יייייי יייי	Acenaphthene		A 38F-16	7 375-15	1 115-17	0	275	110	1	11000

Chrysten 1.28E 4 .55E 6 .55E 7 .55E 6 .66E 7 .55E 6 .66E 7 .55E 6 .66E 7 .55E 6 .66E 7 .55E	<u>ه</u>	ບ	TABLE &	AO	AP	AQ	AR	AS	AT	AU
Definition 1.28E-13 1.06E-15 2.38E-16 6.66E-17 2.55E-15 1.78E-16 1.42E-17 1.00E-15 3.66E-17 2.55E-15 1.76E-10 1.42E-17 1.00E-15 3.66E-17 3.66E-1		Chrysene	1.28E-14	.59E-	2.23E-17	63E	.55E-	.01E-	8.70E-17	
manthrene 1.28E-13 8.78E-17 2.55E-15 NA 8.70E-17 1.20E- nanthrene 1.28E-13 1.26E-18 1.76E-20 2.71E-19 2.55E-19 3.70E-17 1.20E- nanthrene 2.56E-17 2.30E-18 1.76E-20 2.71E-19 2.52E-19 3.70E-17 1.20E- northrene 2.56E-17 1.26E-14 1.80E-21 6.25E-19 3.70E-17 1.70E-19 1.		Dibenzo(a,h)anthracene	1.28E-13	-39C	7.38E-16	66E	.55E-	-362.		
Table 1 100E-15 3.65E-18 5.74E-19 2.55E-16 6.60E-20 8.70E-17 1.42E-14 1.00E-15 3.56E-18 1.76E-19 2.55E-16 6.60E-20 8.70E-17 1.42E-19 1.00E-17 2.30E-18 1.76E-19 2.55E-16 1.50E-17 2.30E-18 1.70E-17 2.30E-18 1.70E-17 1.65E-18 3.46E-19 2.55E-16 1.70E-17 1.65E-18 3.46E-19 2.55E-19 1.70E-17 1.65E-18 3.46E-19 2.55E-19 1.70E-17 1.65E-18 3.46E-19 1.70E-19 1.70E		Fluoranthene	1.28E-13	78E-	9.94E-17	38E	.55E-	AN	8.70E-16	
nanthrene 2.08E-17 1.7EE-18 1.7EE-20 2.7TE-21 9.05E-19 3.54E-19 1.7EE-15 0.05E-19 3.05E-19 0.05E-19 0.		Fluorene	1.28E-14	36 E	3.65E-18	74E	-55E-	6.60E-20	8.70E-17	-42E-
1.00 1.05		Phenanthrene	4.98E-17	12E-	1.76E-20	71E	95E-	2.27E-19	3.39E-19	45E-
hiorobenzene 1.57E-14 2.30E-18 4.93E-21 8.06E-25 5.03E-19 1.07E-16 1.05E-17 8.34E-17 1.05E-18 3.16E-18 3.16E-19 1.07E-16 1.07E-16 1.07E-19		Pyrene	2.56E-13	54E-	1.89E-16	94E	11E-	3.62E-18	1.74F-15	79F
hicrobenzene 1.57E-14 2.44E-15 1.02E-17 1.45E-18 3.14E-16 NA 1.07E-16 1.66E-17 1.06E-18 1.06E-18 1.06E-18 1.06E-19 1.06E		Parathion	3.17E-17	30E-	4.93E-21	06F	33F	7,17F-25	2 15F-10	- HO7
2.51E-16 2.57E-16 3.84E-21 6.50E-18 NA 1.71E-18 5.6E-18 NA 1.77E-18 5.6E-18 NA 1.77E-18 5.6E-18 NA 1.77E-18 5.6E-19 1.00E-17 NA		Pentachlorobenzene	1-57E-14	11	DZE.	1 455-18	1/E		1 075-16	BAE.
1,000=10		Phenol	2.51F-16	7.	8/6	6 50E-22	025	¥ =		146
in concentrate 1,42e-14 5.02e-15 3.83e-19 6.47e-20 2.88e-16 1.43e-20 9.88e-17 1.03e-16 1.43e-16 1.44e-16 1.44e-		Pyridine	1.40F-12	4	2	NA - 202	NA N	Z =		, OE
hiorobenzene 7.722-15 2.76E-15 2.28E-18 3.47E-10 1.54E-10 1.45E-10		Olimpine	7 778	025	220	E L	Y LOO	12	Y C	100
Horocethene 2.76E-16 A.08 A.08 A.08 A.08 A.08 A.08 A.08 A.08		Tetrachlorohenzene	7 725-15	776	100	, t	8,	104.	מחבי	- 38E - 14
Concentence 2.70E-15 NA		Totrach orosthono	2 705-16	100	200	בַּי	744	Y.	-30-	-U/E-
a. 30E-15		Tolings	7.705 15	¥ :	NA.	A	¥.	Z Y	A	- VE-
Acceptance 2.98E-15 1.68E-16 7.27E-19 1.18E-19 7.61E-17 2.77E-20 2.66E-17 4.18E-19 1.68E-15 I.68E-15 I.68E-15 I.68E-15 I.68E-15 I.68E-15 II.68E-15 II.68E-15 II.68E-17 3.75E-18 1.24E-12 9.92E-20 4.21E-13 5.78E-15 II.68E-15 III.68E-15 III.68E-15 III.68E-15 III.68E-15 III.68E-15 III.68E-15 III.66E-15 I		lotuene	4.50E-15	Z .	¥	ž	A	N N		.30E-
dimethyl hydrazine 6.28E-15 MA NA		Trichlorobenzene	3.91E-15	1.68E-16	7.27E-19	.18E	.81E-	.17E-	-999°	.18E-
dimethyl hydrazine 6.20E-11 5.68E-09 2.22E-17 3.75E-18 1.24E-12 9.92E-20 4.21E-13 5.74E- acetate 1.25E-16 5.37E-17 1.81E-21 3.05E-22 2.50E-18 4.76E-25 8.22E-19 1.82E-19 1.82		Trichloroethene	2.88E-15	N N	N.	A	NA.	NA	AN	-88E-
acetate 1.25E-16 5.37E-17 1.81E-21 3.05E-22 2.50E-18 4.78E-25 8.52E-19 1.82E-19 1.82		Unsym. dimethyl hydrazine	6.20E-11	-989.	2.2E-17		.24E-	92E	21E-	-37Z
acetate 1.78E-15 NA		Vapona	1.25E-16	.37E-	1.81E-21		50F-	78F	52F-	R2F-
chloride 1.65E-15 iiA NA		Vinyl acetate	1.78E-15	NA	AN		AN	A	NA	1 78F-15
s (total) 3.07E-16 NA NA NA NA NA NA NA NA NA N		Vinyl chloride	1.65E-15	-	AN	NA	NA	NA	NA.	55.
1.90E-12 2.00E-15 1.32E-14 7.45E-17 3.80E-14 1.10E-14 1.29E-15 1.97E-15 1.97E-15 1.30E-14 1.29E-15 1.97E-15 1.97E-15 1.30E-14 1.29E-15 1.97E-15 1.30E-14 1.29E-15 1.97E-15 1.30E-14 1.30E-15 1.3		Xylenes (total)	3.07E-16	NA	N.	AN	AN	NA	NA	07E-
1.39e-12 2.00e-15 1.32e-14 7.45e-17 3.80e-14 1.10e-14 1.29e-15 1.97e-19 1.39e-14 1.29e-15 1.37e-19 2.78e-16 NA	Z	DRGANICS								
m (VI) 1.39E-14 1.71E-16 3.43E-17 6.47E-19 2.78E-16 NA 9.46E-18 1.44E- m (VII) 5.64E-14 NA NA NA NA NA NA NA NA 1.98E- m (VII) 1.98E-15 NA		Arsenic	1.90F-12	2 OUE-15	1 325.14	7.50	Z 80E. 17	105	200	1 075-12
im (VII) 5.64E-14 NA		Cachmitim	1 305-16	1 715.16	7 /25-17	, ,	3.00E-14	100	272	7/12/17
1.98E-15			5 64E-14	2 4	- 10th-C	1	01 - 307 · 7	¥ :	104	-445
1.42E-13 NA NA NA 1.45E-15 NA			1 086-15	2 4	¥ :	Y.	Y.	ď.	Y.	0.04E-14
4.35E-09 NA NA NA NA L'SEE-15 NA 1.45E-15 NA			7, 707-17	2 4	Z :	Y :	A.	Z.	Z.	- YOE - 13
7.35E-07 NA NA NA NA NA NA NA NA NA 4.55E-17 NA		Copper	61-374-1	¥.	Z:	¥.	AN	-94E-	Y.	1.45E-15
7.32E-14 NA 7.32E-15 1.81E-15 NA 6.17E-17 9.70E-14 1.50E-15 8.81E-17 2.85E-15 1.81E-15 NA 6.17E-17 9.70E-18 NA			4.33E-09	NA.	Z.	¥	A	A.	Y.	4.35E-09
M		Lead	7.52E-14		¥	¥	NA	AN		7.32E-14
2.34E-13 NA NA NA NA NA NA NA NA NA 1.45E-15 NA NA NA NA NA NA 1.45E-15 NA NA NA NA NA NA 1.45E-15 NA 6.48E-15 NA 6.48E-15 UM 1000 ug/mg		Mercury	.07E		.81E-	.85E-	1.81E-15	AN AN	.17E-	9.70E-14
1.45E-15 NA NA NA NA NA 1.45E- 6.42E-13 NA NA NA 5.84E-15 NA 6.48E- br 10 M3/day um 10.00 ug/mg		Setenium	.34E	Ą	X.	A.	NA	AN	NA	2.34E-13
6.42E-13 NA NA NA 5.84E-15 NA 6.48E- br 10 M3/day bw 15.5 Kg um 1000 ug/mg		Silver	.45E	AN	NA	X.	X.	X X	A	1.45E-15
br 10 M3/day bw 15.5 Kg um 1000 ug/mg		Zinc	.42E	NA	NA	AN	A	.84E-	NA	6.48E-13
\$ \$ \$ \$										
ت <u>ج</u> ۾										
<u> </u>			đ.		/day					
5			MQ	2.5	_					
			5	000	1/mg					
			•							

TITUTTO CASE		TABLE 5							
18-, Lury INMATTON WEETSREE ROLL ROL	SENSITIVITY CASE	TOTAL	1	IMUM					
See	18-J 16::			MILK EXPOSURE (mg/Kg/day)	BEEF EXPOSURE (mg/Kg/day)	SOIL/DUST EXPOSURE (mg/Kg/day)	FISH CONSUMPTION (mg/Kg/day)	DERMAL EXPOSURE (mg/Kg/day)	TOTAL (mg/Kg/day)
The control of the co	ICS	777			į	!		ļ	
A	cetonitrile	5 125.13	NA 7.95	Z C	¥,	¥ 5	AN A	Ş١	5.66E-
Title 1	crylonitrile	2, 18F-12	ANA NA	104	10C-	10.	1.725-20	2 2	4.UIE-
Table 1 2.88E-15 2.46E-17 2.56E-19 1.56E-10 3.66E-17 5.77E-70 1.98E-17 2.66E-17 5.46E-17 5.46E-17 5.26E-19 3.66E-17 5.77E-70 1.98E-17 5.70E-70 5.70	ldrin	7.95F-18	1.025		10E-1	1 K1E-10	A Z/E-27	NA 785-20	2. 10E-
Target et al. 178E-15 3.44E-16 1.25E-19 1.46E-20 3.56E-17 0.00E-10 1.25E-17 0.00E-17	niline	2.88E-13	2.415	2 605-18	7.35.1	5 82E-15	5 275-10	1 085-15	5 376-
de 1.31E-13 5.42E-14 2.35E-19 2.66E-15 5.67E-20 9.04E-16 1.05E-17 1.05E-17 2.68E-19 2.66E-19 1.05E-17 1.05E-17 2.68E-19 2.68E-19 1.05E-19 4.43E-19 1.05E-19	Atrazine	1.78E-15	3.44E	1.25E-19	1.69E-20	3.60F-17	0.00F+00	1.23F-17	2 175
control of 38E-15 in M M M M M M M M M M M M M M M M M M	enzaldehyde	1.31E-13	5.42E	2.23E-18	3.58E-19	2.65F-15	5-67E-20	9.04F-16	1.80F
oich Acide 6.42E-13 1.26E-13 5.40E-17 5.98E-18 1.20E-19 4.40E-15 conditation of 5.38E-13 1.20E-13 5.40E-17 5.98E-18 1.20E-19 5.40E-19 5.40	enzene	1.65E-15		AN	NA	NA	N.	NA	1.65E-
contricted 6.42E-14 1.57E-14 1.67E-18 2.66E-19 2.86E-19 6.42E-16 1.40E-12 2.86E-19 2	enzofuran	6.38E-13			-98E-	1.29E-14	1.25E-18	4-40E-15	7.79E-
contritie 1.00=1.75=1.6 1.00=1.7 4.15=1.8 2.86=1.6 7.76=1.9 9.66=1.5 erg axion contracte 5.97=1.6 1.30=1.6 1.86=1.7 4.15=1.8 2.86=1.6 1.21=1.7 5.67=2.4 1.8=1.8 erg axiole control con	enzoic Acid	6.42E-14		1.67E-13	2.60E-19	1.30E-15	4.96E-20	4.43E-16	8.32E-
Control above 5.97E-13 1.3E-16 1.83E-16 1.83E-16 1.82E-17 4.12E-17 4.12E-17 4.12E-18 4.12E-17 4.12E-18 4.12E-17 4.12E-18	enzonitrile	1.40E-12	٠,	2.60E-17	4.15E-18	2.84E-14	6.74E-19	9.66E-15	1.97E-
Second Control Contr	enzothiazole	5.97E-16		1.83E-20	2.79E-21	1.21E-17	5.67E-24	4.12E-18	7.52E-
Second Heavy Intringate 2.542-16 3.542-16 5.642-16 3.542-16 5.642-16 5.642-18 5.452-18 5.452-18 5.452-18 5.452-18 5.452-18 5.462-17 5.462-17 5.462-17 5.462-18 5.462-17 5.462-17 5.462-17 5.462-17 5.462-17 5.462-18 5.462	Iphenyl	•		NA	A	AN		NA	6.42E-
1.08E-15 3.55E-16 4.96E-19 5.56E-20 5.88E-17 7.46E-21 7.98E-17 7.46E-21 7.96E-17 7.06E-16 7.06E-17 7.06E-18 7.06E-20 7.06E-17 7.06E-20 7.06E-10 7.00E-16 7.00E-17 7.00E-16 7.00E-16 7.00E-16 7.00E-16 7.00E-16 7.00E-17	1s(z-etnytnexyt)phthat	• • • •	ן ניים	7.91E-15	.83E-	7.14E-18		2.43E-18	9.00E-
International control contro	arbazole	2.88E-15	4.)	4.96E-19		5.83E-17	-46E-	1.98E-17	3.31E-
Control Cont	carbon letrachioride	8.35E-15	•	¥.		NA	¥.	•	8.35E-
Continuency	h orobenzene	1.03E-10	4	116		3.34E-18	135	_	2.12E-
Chicrobiphenyl 2.046-17 1.01E-18 3.41E-19 1.056-20 4.44E-19 1.02E-20 1.41E-19 1.00E-20 1.41E-19 1.00E-16 1.29E-20 1.41E-19 1.00E-19 1.29E-20 1.41E-19 1.00E-19 1.29E-21 1.41E-19 1.00E-19 1.29E-21 1.41E-19 1.00E-19 1.29E-21 1.41E-19 1.41E-	-Chlorobiphenyl	4.06F-16	0		NA.	NA 0 225-10		2 OOE 10	5. YOE -
roethane roform 7.45E-14 6.01E-15 2.50E-19 4.01E-20 2.95E-16 4.25E-23 1.00E-16 not form 1.22E-14 1.02E-15 9.65E-19 4.01E-20 2.95E-16 4.94E-20 1.02E-17 not form 1.22E-14 1.02E-15 9.65E-18 7.80E-19 2.95E-16 4.94E-20 1.02E-17 not form 1.22E-14 1.02E-15 9.65E-18 7.80E-19 2.95E-16 4.94E-20 1.02E-17 not form 1.22E-14 not had not h	.4-Chlorobiphenyl	2.04F-17			1 865-20	0.22E-18	1 20E-22		4.43E-
roform 7.09E-14 NA	hloroethane	1.45E-14	6-01E-15	50.5	A 01E-20	2 05E-14	7. 305- 7		2 105-
1.28E-14 1.02E-15 9.63E-18 7.80E-19 2.59E-16 4.94E-20 8.82E-17 4.04E-15	Chloroform	7.09E-14	NA	Z	NA NA	MA MA	WA JEE E	NA	7 005-
Uncoberace (total) 1.65E-15	ibenzofuran	1.28E-14	0	63F	7.80F-19	505	04F.	82F-	1 425
'4-Dichlerobenzene 1.04E-16 NA N	ichlorobenzenes (total)	1.65E-1		A	NA	NA	NA	NA	1.65F-
Dichloroethane 4.71E-15 NA	1,4-Dichlorobenzene	.04E-1	AN	AN	N.	NA.	A.	N	1.04E-1
Dichloroethane 1,47E-15 1,56E-15 2,51E-20 4,02E-21 2,98E-17 1,29E-22 1,02E-17 Dichloroethane 2,52E-15 NA NA NA NA NA Dichloroethane 2,52E-15 NA NA NA NA NA Dichloroethane 2,34E-16 NA NA NA NA NA Dichloroptopane 2,46E-17 1,24E-16 9,88E-19 5,05E-20 2,95E-19 1,01E-19 NA Adrin 1,46E-17 1,24E-16 9,88E-19 5,05E-19 2,44E-24 1,01E-19	,1-Dichloroethane	.71E-1		NA	NA	NA	NA	N.	4.71E-1
Dichloroethene 2.52E-15 NA	, 2-Dichloroethane	-47E-1	.56E	.51E	.02E-	器	S.	.02E	3.07E-1
Dichloroethene 2.18E-15 NA	,1-Dichloroethene	.52E-1	NA	NA	NA	NA	NA	NA	2.52E-1
thyidisulfide 1.24E-16 NA	, 2-Dichloroethene	.18E-1	Y.	NA	AN	NA	N	NA	2.18E-1
thy disulfied the following the first of the following the	ioldrin	. 24E-	AN C		NA	NA		Y.	9.34E-1
A STEEL OF THE TOTAL STATE TO TH	imothyl dienl fide	-404-	1.245-10		5.05E-20	2.95E-19		.01E-	1.40E-1
azine 3.02E-19 5.04E-10 6.79E-17 7.81E-10 9.71E-19 2.00E-10 1.05E-08 9.55E-18 1.05E-18 1.01E-10 9.71E-19 2.00E-10 1.05E-09 1.05E-18 1.05E-18 1.01E-12 7.06E-20 3.44E-13 1.05E-19 1.07E-25 4.05E-19 1.00E+00 1.38E-19 1.07E-19 1.07E-	exactl probanzana	945.1	7 OEF 15	AN T	NA TOT C	Y S	AN C	AN	4.01E-1
The complete carbonitrile carbo	vdrazina	000	1 051 00	0.046-10	2.79E-17	S IE	9.71E-19	Z.66E-16	4.40E-1
thion the carbonitrile 1.96E-17 1.91E-18 1.88E-21 1.53E-22 1.57E-19 1.00E-20 4.00E-40 1.38E-19 1.00E-20 1.56E-19 0.00E-40 1.38E-19 1.00E-40 1.38E-19 1.00E-40 1.38E-19 1.00E-40 1.38E-19 1.00E-40 1.38E-19 1.00E-40 1.38E-19 1.38E-19 1.38E-19 1.00E-40 1.38E-19 1.3E-19 1.	indane	78E-1	0 475.40	7.35E-18	1.02E-18	UTE-	7.96E-20	5.44E-13	1.06E-0
yl chloride 1.96E-15 1.86E-15 1.86E-17 1.86E-18 1.86E-18 1.86E-19	alathion	006-1	1 015-19	1 905 24	7 /45 22	-3/6-	1.U/E-23	4.685-20	7.91E-
NA N	athyl chlorida	04E.1	01 -31E-10	7-200	27-11-7	-025-	0.005+00	1.385-19	2.C2E-
thylphenol 2.25E-15 1.02E-15 1.22E-20 2.04E-21 5.01E-17 0.00E+00 1.71E-17 1.02E-15 1.02E-15 1.02E-20 2.75E-21 4.55E-17 6.13E-23 1.55E-17 1.55E-17 6.13E-23 1.55E-17 1.55E-17 6.13E-23 1.55E-17 6.13E-13 2.52E-20 1.08E-13 2.65E-16 4.22E-17 5.02E-20 5.51E-21 5.36E-18 3.35E-19 1.83E-18 1.40E-12 2.23E-17 2.64E-14 7.72E-18 9.66E-15 1.08C-14 1.16E-12 3.13E-20 5.29E-17 2.84E-14 7.72E-18 9.66E-15 1.0E-16 1.05E-14 1.05E-14 4.36E-17 3.60E-18 1.29E-15 2.37E-19 4.40E-16 5.88E-14 5.68E-15 2.37E-19 4.40E-16 6.38E-14 5.62E-15 3.28E-17 2.87E-18 1.29E-15 9.87E-18 1.29E-15 0.18E-17 0.00E+00 1.10E-16 1.0E-14 1.05E-14 5.62E-15 3.28E-17 2.87E-18 1.29E-15 0.18E-17 0.18E-17 1.0E-16 1.0E-14 1.0E-16 1.0E-14 1.0E-	ethylene chloride	186.1	Y X	A Y	Y.	Z.	Y S	Y.	1.96E-
thylphenol 2.25E-15 1.09E-15 1.22E-20 2.04E-21 5.01E-17 0.00E+00 1.71E-17 0.00E+00 1.71E-17 0.00E+00 1.71E-17 0.00E+00 1.71E-17 0.00E+00 1.71E-17 0.52E-15 1.09E-15 0.34E-21 4.55E-17 6.13E-23 1.52E-17 0.13E-17 0.15E-17 0.15E-17 0.15E-17 0.15E-17 0.15E-17 0.15E-18 0.10E-18 0	othyl othyl boton	101	2 6	AN C	AN C		NA	NA.	1.18E-
introduction c.25-19 1.09E-19 0.34E-20 9.75E-71 4.55E-77 6.15E-23 1.55E-77 1.55E-77 1.55E-77 1.55E-77 1.55E-77 1.55E-77 1.55E-77 1.55E-77 1.55E-77 1.65E-78 1.55E-77 1.65E-78 1.55E-79 1.68E-78 1.65E-78	ernyt ernyt ketone -Wothylphonol	2FF - 1	2 2	1.22E-20	2.04E-21		0.00E+00	1.71E-17	1.06E-
thalene 2.65E-16 4.22E-17 5.02E-20 5.51E-21 5.36E-18 2.52E-20 1.08E-13 thalene 2.65E-16 4.22E-17 5.02E-20 5.51E-21 5.36E-18 3.35E-19 1.83E-18 thalene carbonitrile 1.40E-12 2.23E-17 2.66E-17 2.84E-14 7.72E-18 9.66E-15 trosodimethylamine 1.60E-14 1.16E-12 3.13E-20 5.29E-21 3.24E-16 0.00E+00 1.10E-16 cenaphthalene 6.38E-14 1.05E-14 4.36E-17 2.87E-18 1.29E-15 2.37E-19 4.40E-16 cenaphthene	ment tollellot	275	500	0.345-20	7.75E-21		6.15E-23	1.55E-17	5.40E-
thalene carbonitrile 1.40E-12 2.23E-17 2.92E-17 2.84E-14 7.72E-19 1.83E-18 1.40E-15 2.23E-17 2.84E-14 7.72E-18 9.66E-15 1.40E-12 2.23E-17 2.84E-14 7.72E-18 9.66E-15 1.40E-17 2.84E-14 7.72E-18 9.66E-15 1.40E-17 2.84E-14 7.72E-18 9.66E-15 1.0E-17 3.29E-21 3.24E-16 0.00E+00 1.10E-16 1.10E-16 1.29E-17 3.60E-18 1.29E-15 2.37E-19 4.40E-16 1.29E-15 2.37E-19 4.40E-16 1.29E-17 2.87E-18 1.29E-17 9.8E-17 9.8E-18 9.8E-17 9.8E-17 9.8E-17 9.8E-18 9.8E-17 9.8E-18 9.8E-17 9.8E-18 9.8E-17 9.8E-18 9	published one	7 27	74.		5.10E-19		2.52E-20	1.08E-13	2.50E-(
triaterie Carbonitrite 1.40E-12 2.25E-13 2.66E-15 2.92E-17 2.84E-14 7.72E-18 9.66E-15 trosodimethylamine 1.60E-14 1.16E-12 3.13E-20 5.29E-21 3.24E-16 0.00E+00 1.10E-16 1.0E-16 enaphthalene 6.38E-14 1.05E-14 4.36E-17 3.60E-18 1.29E-15 2.37E-19 4.40E-16 canaphthene 6.38E-14 5.62E-15 3.28E-17 2.87E-18 1.29E-15 9.18E-20 4.40E-16	apirtiatene	- 300	727	.UZE-	5.51E-21		3.35E-19	1.83E-18	3.15E-1
crosofine in the control of the cont	spirmarene carbonitrite	40E-1	2.5	- 66E	2.92E-17		7.72E-18	9.66E-15	1.66E-1
6.38E-14 1.05E-14 4.36E-17 3.60E-18 1.29E-15 2.37E-19 4.40E-16 5.38E-14 5.62E-15 3.28E-17 2.87E-18 1.20E-15 9.18E-20 4.40E-16	N CLOSOGIMECHY CAMBINE	. ane.	9	- 12	5.29E-21		0.00E+00	1.10E-16	1.17E-1
6.38E-14 5.62E-15 3.28E-17 2.87E-18 1.29E-15 9.18E-20 4.40E-16	Acenaphthalene		.05E-1	4.36F-17	3.60F-18	20F-1	2 37F-19	4 40F-16	7 KOE-1
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A ~	m	O	AX	AY	AZ	BA	89	BC	80	BE
1 4		000000000000000000000000000000000000000	ABLE 3	.,			100	-		
5 5		ciii yselle	1.285-14	7.04E-16	3.42E-16	1.81E-17	2.59E-16	8.01E-19	8.82E-17	1.42E-14
8		Ulbenzo(a,h)anthracene	1.28E-13	3.45E-15	1.72E-14	8.61E-16	2.59E-15	36Z	8.82E-16	1.53E-13
63		Fluoranthene	1.28E-13	1-13E-14	9-62E-16	5.56F-17	2.50F-15	AM	8.87F-16	1_44F-13
3		Fluorene	1.28E-14	1.35F-15	1.61F-17	1 18F-18	2 50F-16		8 82E-17	1 456-14
65		Phenanthrene	4.98E-17	4. NOF- 18	0 20F-20	6 38F-21	1 015-18		3 44F-10	
8		Pyrene	2.56F-13	2.14F-14	1 76F-15	1 03E-16	7 185-15	3 62F-18	1 76E-15	2 86E-13
29		Parathion	Z 17E-17	2 025.10	1 225 30	20100	2 10 1		101	
3		Dentach probenzeno	7 575 4	2,775	1.33E-20	1.22E-21	475-19		7. 19E-19	
3 9		Street Or Openial Control	1.3/6-14	C1 - 14 - 12	8.0%E-1/	5. ISE-18	3. ISE- 10	A.	1.08E-10	
16		Filenot	2.51E-16	2.66E-16	4.19E-21	6.73E-22	5.09E-18	AN	1.73E-18	
2		Pyridine	1.40E-12	NA	NA	NA A	AN	NA	NA	
7		Quinoline	1.44E-14	5.37E-15	5	6.86E-20	2.92E-16	1,43E-20	.94E-1	2.02E-14
2		Tetrachlorobenzene	7.72E-15	2.94E-15	9.55E-18	7.03E-19	1.56E-16		5.33E-17	
2		Tetrachloroethene	2.70E-16	AX	AX	A	AN	AN	NA	
14		Toluene	4.306-15	AN	NA	AN	AN	AN	d'A	4 30F-15
3		Trichlorobenzene	3.91E-15	2.43F-16	2.25F-18	1 035-10	7 O2F-17	2 17E-20	2 70F-17	
92		Trichloroethene	2.88E-15	Z		NA	NA	N	NA	2 RRE-15
77		Unsym dimethyl hydrazina	4 20E-11	776	2 DEF 47	0	4 2ET 42	5	27.0	2001
78		Vanona	1 255 1	7. 705-07	7 - 202 - 1		21.367.1	- 72CE	7	0.00E-UV
2 6		William I was a second a secon	1.22E-10	9	`	-		4. / dE-25		_
2:		Vinyl acetate	1.78E-15	Y.	AN A	Ν	AN	NA	NA.	~
2		Vinyl chloride	1.65E-15	F	¥.	NA	A.	ΑN	Ä	-
8		Xylenes (total)	3.07E-16	NA AN	NA	NA	NA	NA	AN	3.07E-16
83	38	INORGANICS								
\$		Arsenic	1.90E-12	3.74E-14	7.03E-14	3.73E-16	3.85E-14	1.10E-14	1.31E-15	2.06E-12
82			1.39E-14	4.32E-16	1.04E-16	1.25E-18	2.82E-16	AN	9.60E-18	1-47E-14
86		Chromium (III)	5.64E-14	AN	AN	AN	AN	AN	AN	5.64F-14
87		Chromium (VI)	1.98E-15	N N	AN	AN	Y.	NA	NA N	1.98E-15
ස		Copper	1.42E-13	AN	AN	42	AM	S1-179 C	AM	1 455-13
89		Iron	4.35E-09	A	NA	NA	NA	MM	NA	0U-355 7
8		Lead	7.32E-14	AN	NA N	NA	AN	AN	AN	71-362 7
2		Mercury	9.07E-14	3.20E-15	2.93F-16	4. 66F-15	1 84F-15	A.	6.25F-17	1.016-13
35		Selenium	2.34E-13	N	AN	NA	AN	AN	AN	21-375 C
93		Silver	1.45E-15	NA	AN	MA	NA	MM	d'A	1.45F-15
76		Zinc	6.42E-13	N.	AN	AN	NA.	5.84E-15	NA	6.48E-13
95										
96										
26										
88			þ	_	#3/day					
66		•	MQ.	15.5 Kg						
100			5	1000 ug	m/gn					
5										
707										
Col			Inhalation dose	= Cair*br/bw/ugmg	/ngmg					

Inhalation dose = Cair*br/bw/ugmg

INFANT TOTAL	EXPOSURE	
INHALATION (mg/kg/day)	BREAST MILK (mg/kg/day)	TOTAL (mg/kg/day)
-	6.43E-17	3.77E-15
-	7.93E-11	
Ξ,	4-40E-15	
_	4.34E-17	
~	9.05E-13	
-	3.62E-15	
-	2 125-12	
	1.10	
_	1.25E-18	
.17E-1	1.30E-12	
20E-1	1 375-13	
175	7 251 42	
- 3/1	3.252.12	
.y.e.	1.25E-15	
.20E-1	7.29E-15	
.31E-1	6 95F-15	
ARC. 1	F 755-15	
17.	1000	
-4/6	7 - 47E - 17	
.08E-1	3.47E-16	
.59E-1	4.50E-18	
66F-1	7 145-16	
7/5-1	2 545-17	
101	1 - JOE - 1	
32E-1	3.4/E- 14	
54E-1	8.06E-16	
38E-1	2.31E-14	
	1.87E-17	
	1 185-18	
	276-17	
	71.30E-1	
	5.81E-15	
	2.87E-17	
	2 /85-17	
- 4	2.40E-17	
_	1.06E-1	
~	3.25F-16	
	7 - 272 7	
	4.30E-1/	
-	1.62E-14	
~	2 DEE . DR	
•	100	
.44E-	1.31E-17	
_	3-63E-17	
-	10000	
-	71-377-7	
73E-1	1 34F-15	
	1110	
ŗ	2.05E-14	
-	F 00E 15	7 7.65-1
	21.375.	
-	4.45E-09	
4	5 26E-16	
	01-202-0	
.17E-1	2-78F-12	
חצם.	2 775-12	
- 300	Z. (/E- 12	V
17E-1	28F-1	•
175.1	145	
1/E-1	. 10E - 1	_
-38E-1	24F-1	3 DRE.
	1.088-13 1.088-14	

Chrysene 8.38E-15 2.26E-14 3.10E- Dibenzo(a,h)anthracene 8.38E-15 2.27E-13 3.11E- Fluorentene 8.38E-14 2.27E-13 3.11E- Fluorentene 8.38E-14 2.27E-13 3.11E- Fluorentene 8.38E-15 2.39E-14 3.28E-15 Pyrene Pyrene 1.68E-13 4.66E-17 7.87E-19 6.34E-19 1.65E-15 1			TABLE 6		
Diberzo(a,h)anthracene B.38E-14 2.27E-13 3.18E-14 Phenanthrene B.38E-14 2.34E-13 3.18E-14 Phenanthrene B.38E-14 2.34E-13 3.18E-14 Phenanthrene B.38E-14 2.34E-13 3.22E-14 Phenanthrene 1.08E-13 4.66E-13 6.34E-14 3.22E-15 Phenanthrene 1.03E-14 7.23E-15 1.75E-14 7.23E-15 1.76E-16 1.76E-16 7.23E-15 7.76E-16 7.76E-17 7.76E-16 7.76E-17 7.776E-17 7.7		Chrysene	8.38E-15	2.26E-14	3.10E-1
Fluorenthene 8.38E-14 2.34E-13 3.18E-19 Purenthrene 8.38E-15 2.39E-14 3.22E-19 Parathion 2.07E-7 9.06E-17 1.23E-15 Phend Quinoline 1.03E-14 7.23E-15 1.75E-19 Phend Quinoline 1.05E-16 9.71E-16 1.05E-17 1.05E-16 1.05E-17 1.05E-16 1.05E-17 1.05E-16 1.05E-17 1.05E-16 1.05E-17		Dibenzo(a,h)anthracene	38E	2.27E-13	3.11E-13
Fluorene 8.38E-15 2.39E-14 3.22E- Phenathrene 3.66E-17 1.23E- Phenathrene 3.66E-17 5.86E-17 1.23E- Pertachlorobenzene 1.03E-14 7.23E-15 1.75E-16 Pyridine 1.03E-14 7.23E-15 1.75E-16 Pyridine 1.03E-14 7.23E-15 1.75E-14 4.41E- Tetrachlorobenzene 5.02E-15 4.42E-15 9.47E-17 1.04E-17 1.0		Fluoranthene	8.38E-14	2.34E-13	3.18E-1
Phenanthrene 3.26E-17 9.06E-17 1.23E- Pyrene 1.68E-13 4.66E-13 6.34E- Pentachlorobenzene 1.03E-14 7.23E-15 1.58E-15 Phenot 1.03E-14 7.23E-15 1.58E-14 9.33E- Quinoline 9.43E-15 3.47E-14 4.41E- Tetrachlorobenzene 1.77E-16 3.07E-18 1.88E-15 1.59E-14 9.47E- Trichloroethene 2.82E-15 8.15E-18 1.88E-15 1.01E-18 1.88E-15 1.59E-17 1.92E-19 vinyl acetate 2.86E-15 1.56E-15 1.15E-18 1.88E-15 1.59E-17 1.92E-17 1.92E-1		Fluorene	8.38E-15		3.22F-14
Pyrene 1.68E-13 4.66E-13 6.34E-19 Parathion Pentachlorobenzene 1.03E-14 7.23E-15 1.75E-16 9.71E-16 9.71E-16 1.16E-16 0.71E-16 9.71E-16 1.16E-16 0.71E-16 9.71E-16 1.16E-16 0.71E-16 9.71E-16 9.71E-16 1.16E-15 0.47E-16 4.41E-16 1.16E-15 0.42E-15 9.47E-17 1.77E-16 3.07E-18 2.82E-17 1.01E-18 1.00E-17 1.0		Phenanthrene	3.26E-17		-
Parathion Parathion Parathion Parathion Pentachlorobenzene Pridine Quinoline Tetrachlorobenzene Tetrachlorobenzene Tetrachlorobenzene Tetrachlorobenzene Tetrachlorobenzene Tetrachlorobenzene Tetrachlorobenzene Trichlorobenzene		Pyrene	-	. (~	-
Pentachlorobenzene 1.03E-14 7.23E-15 1.75E-16 Phenol Phenol 1.6E-16 9.91E-16 1.16E-17 1.55E-14 9.33E-18 1.55E-14 9.33E-18 1.55E-14 9.33E-18 1.55E-15 1.55E-1		rathion	-		7.87F-1
Phenol Phenol 1.65E-16 9.9TE-16 1.16E- 9.17C-13 1.59E-14 9.33E- 9.17C-13 1.59E-14 9.33E- 9.17C-15 1.59E-15 4.47E-15 1.67E-15 1.67		entachlorobenzene	_		1.75E-14
Pyridine Quinoline Tetrachlorobenzene Tetrachlorobenzene Tetrachlorobenzene Tetrachlorobenzene Totuene Totuene Trichlorobenzene T		enol	7		-
Quinoline 9.43E-15 3.47E-14 4.41E-15 Tetrachlorobenzene 1.77E-16 3.47E-14 4.42E-15 9.47E-16 Toluene 2.82E-15 8.15E-18 1.80E-15 1.80E-15 1.82E-15 1.15E-08 1.16E-19 2.01E-17 1.10E-19 2.01E-17 1.10E-19 2.01E-17 1.10E-19 2.01E-17 1.10E-19 2.01E-17 1.10E-19 2.01E-17 1.10E-19 2.01E-15 2.01E-17 1.10E-19 2.01E-15 2.01E-15 <td< td=""><td></td><td>ridine</td><td></td><td>-</td><td>. ~</td></td<>		ridine		-	. ~
Tetrachlorobenzene 5.05E-15 4.42E-15 9.47E-16 10 to the continue of the contin		uinoline	9.43E-15	3.47E-14	-
Tetrachloroethene 1.77E-16 3.07E-18 1.80E-15 Trichloroethene 2.82E-15 8.15E-18 2.82E-15 Trichloroethene 2.82E-15 1.55E-15 4.11E-17 1.92E-19 1.92E-1		trachlorobenzene	5.05E-15	4.42F-15	9 47F-15
Toluene Trichlorobenzene Trichlorobenzene Trichlorobenzene Trichlorobenzene Trichlorobenzene Trichlorobenzene Trichlorobenzene Trichlorobenzene Unsym. dimethyl hydrazine Vapona Vinyl acetate Vinyl a		trachloroethene	1.77E-16	3.07E-18	
Trichlorobenzene 2.56E-15 1.55E-15 4.11E- Unsym. dimethyl hydrazine 4.06E-11 1.15E-08 1.10E-15 1.00E-17 1.10E-15 1.00E-15 1.00E-17 1.10E-15 1.00E-15 1.10E-19 2.01E-15 1.10E-19 2.01E-15 1.10E-19 2.01E-15 1.10E-19 2.01E-15 1.10E-19 1.10E-1		luene	2.82E-15	8.15E-18	2.82E-15
Trichloroethene 1.88E-15 3.27E-17 1.92E- Unsym. dimethyl hydrazine 4.06E-11 1.15E-08 1.15E- Vapona Vinyl acetate 1.16E-15 2.02E-17 1.18E- Vinyl acetate 1.08E-15 2.02E-17 1.18E- Vinyl acetate 1.08E-15 1.87E-17 1.10E- Xylenes (total) 2.01E-16 1.16E-19 2.01E-16 1.16E-19 2.01E-16 1.25E-12 NE 1.25E-12 NE 1.25E-14 NE 3.69E-14 NE 3.69E-14 NE 1.30E-15 NE 1.30E-10 M3/day NE 1.00E+03 ug/mg Um 1.00E+03 ug/mg		ichtorobenzene		1.55E-15	~
Unsym. dimethyl hydrazine 4.06E-11 1.15E-08 1.15E- Vapona Vapona Vapona Vapona Vinyl acetate Vinyl scetate Vine-15 1.87E-17 1.10E- Vine-16 1.16E-19 2.01E- Vine-16 1.16E-19 2.01E- Vine-17 1.10E- Vine-17 1.1		ichloroethene		3.27E-17	
Vapona Vapona 8.20E-17 3.08E-16 3.90E-17 1.18E-1.10E-15 2.02E-17 1.18E-1.10E-15 2.01E-17 1.10E-15 1.00E-15 1.00E-17 1.10E-19 2.01E-16 1.16E-19 2.01E-16 1.10E-19 2.01E-16 1.10E-19 2.01E-16 1.10E-19 2.01E-16 1.10E-19 2.01E-16 1.10E-19 2.01E-19 2.01		dimethyl		1 15F-08	15F-
Vinyl acetate Vinyl chioride Xylenes (total) INORGANICS Arsenic Cadmium Chromium (III) Chromium (III) Chromium (VI) Chromium				3.08F-16	OF
INORGANICS Arsenic Cadmium (III) Copper Chromium (VI) Copper Copp			1.16F-15	2.02F-17	18F
Xylenes (total) INORGANICS Arsenic Cadmium Cadmium Chromium (III)			1 08E-15	1 87E-17	19.
INORGANICS Arsenic Cadmium Cadmium Chromium (III) 3.69E-14 NE 9.11E-15 Chromium (VI) 3.69E-14 NE 1.30E-16 Copper Iron Lead Mercury Setenium 9.52E-16 Setenium 9.52E-16 Setenium 9.52E-16 V.79E-14 NE 2.84E-1 7.79E-14 NE 1.53E-1 7.79E-1 7.79E		S	2.01E-16	7	2.01E-1
Arsenic Arseni					
Arsenic 1.25E-12 NE 1.25E-12 Chromium (III) 3.69E-14 NE 3.69E-16 Chromium (VI) 1.30E-15 NE 1.30E-15 NE 3.69E-16 NE 3.69E-17 NE		INICS			
Cadmium (III) 3.69E-14 NE 9.11E-15 Chromium (III) 1.30E-15 NE 1.30E-15 Copper 2.84E-09 NE 2.84E-17 NE 2.84E-18 NE 2.84E-19 NE		senic	1.25E-12	¥	1.25E-1
Chromium (III) 3.69E-14 NE 3.69E-16 Chromium (VI) 1.30E-15 NE 1.30E-15 Copper 2.84E-09 NE 2.84E-09 NE 2.84E-09 NE 2.84E-09 NE 2.84E-14 NE 2.84E-14 NE 5.94E-14 NE 5.94E-14 NE 5.94E-14 NE 5.94E-14 NE 5.94E-15 NE 1.53E-15 NE		Idmium	9-11E-15	및	9.11E-1
Chromium (VI) 1.30E-15 NE 1.30E- Copper 2.84E-09 NE 2.84E- Look 4.79E-14 NE 5.24E- Mercard 4.79E-14 NE 5.94E- Selenium 5.94E-14 NE 5.94E- Silver 9.52E-16 NE 9.52E- Zinc 4.20E-13 NE 4.20E- Look 9.50E-06 NG 9.52E-06 NG NG 9.50E-07 NG 9.			3.69E-14	¥	3.69E-14
Copper 1 2.84E-09 NE 4.79E-09 NE 1.53E-13 NE 1.53E-09			1.30E-15	¥	
Iron 2.84E-09 NE 2.84E-0 Lead 4.79E-14 NE 4.79E-14 NE 5.94E-15E-13 NE 1.53E-13 NE 1.53E-15 NE 1.53E-15 NE 1.53E-15 NE 1.53E-15 NE 1.53E-15 NE 1.53E-15 NE 1.50E-15 NE 1.20E-15 NE 1.20E-1		pper	9.32E-14	및	9.32E-1
Lead 4.79E-14 NE 4.79E-79E-14 NE 5.94E-14 NE 5.94E-14 NE 5.94E-14 NE 5.94E-14 NE 5.94E-14 NE 5.94E-14 NE 5.52E-16 NE 9.52E-16 NE 9.52E-16 NE 9.52E-16 NE 9.52E-16 NE 9.52E-16 NE 9.52E-16 NE 9.50E-13 NE 4.20E-13 NE 4.20E-13 NE 4.20E-14 NE 9.00E+00 NS/day N		uo	2.84E-09	밀	2.84E-0
Mercury 5.94E-14 NE 5.94E- Selenium 1.53E-13 NE 1.53E- Silver 9.52E-16 NE 9.52E- Zinc 4.20E-13 NE 4.20E- bby 9.00E+00 M3/day		ad	4.79E-14	묒	4.79E-14
Selenium 1.53E-13 NE 1.53E- Silver 9.52E-16 NE 9.52E- Zinc 4.20E-13 NE 4.20E- bbr 3.80E+00 M3/day bbr 9.00E+00 Kg um 1.00E+03 ug/mg		rcury	5.94E-14	및	5.94E-14
Silver 9.52E-16 NE 9.52E-1 Zinc 4.20E-13 NE 4.20E-1 br 3.80E+00 M3/day bw 9.00E+00 Kg um 1.00E+03 ug/mg		lenium	1.53E-13	및	-53E-
Zinc 4.20E-13 NE 4. br 3.80E+00 M3/day bw 9.00E+00 Kg um 1.00E+03 ug/mg		lver	9.52E-16	¥	.52E-1
br 3.80E+00 bw 9.00E+00 um 1.00E+03		nc	4.20E-13	Ä	
br 3.80E+00 bw 9.00E+00 um 1.00E+03					
br 3.80E+00 bw 9.00E+00 um 1.00E+03					
br 3.80E+00 bw 9.00E+00 um 1.00E+03	31				
bw 9.00E+00 um 1.00E+03			br		3/day
um 1.00E+03			MQ		m
			5		gm/e

100 101 102 103 RES-B 104 SENSITIVITY CASE 106 107 108 ORGANICS 109 Acrylonitrile 110 Aldrin 111 Anniline 112 Benzene 113 Bis(2-ethylhexyl)phthalate				
RES- SENS ORGA		Inhalation	Oral	Dermal
ORGA		Factor	Factor	Stope
ORGA				
		20, 10, 0	107	•
		1 70E+01	2.40E-U1	NC AC
		5. 70F-03	5.70E-03	1 14E-02
		2.90E-02	2.90E-02	NC OF
)phthalate	1.40E-02	1.40E-02	2.80E-02
		2.00E-02	2.00E-02	4.00E-02
is carbon letrachioride 16 Chloroform	ride	1.50E-01	1.50E-01	2 5
	ene	2.40E-02	2.40E-02	2 2
_	Je.			2
	Je	9.10E-02	9.10E-02	1.82E-01
	Э.	1.20E+00	6.00E-01	2
22 Dieldrin	316	1.60F±01	1 ANE+01	Z 20E±01
	ď.	1.60E+00	1.60E+00	3.20E+00
		1.71E+01	3.00E+00	6.00E+00
Lindan		1.30E+00	1.30E+00	2.60E+00
to Methyl chloride	ç	6.30E-03	1.30E-02	S S
	D.	1.40E-02	1.30E-03	2
	ine	1.10E+00	1.10E+00	2.20E+00
	.amine	5.10E+01	5.10E+01	1.02E+02
PAHS Benzofe Drivings		4 105100	457.04	201.04
		6 10E+00	1 155+01	2.30E+01
34 Dibenzo(a,h)anthracene	thracene	6.10E+00	1.15E+01	2.30E+01
Par				
		1.20E+01	1.20E+01	2.40E+01
	41	3.30E-03	5.10E-02	SC
38 Trichloroethene		1.10E-02	1.10E-02	SC
		2.90E-01	2.90E-01	5.80E-01
140 Vinyl caloride		Z. 92E-UI	Z.30E+00	NC
2 INORGANICS				
143 Arsenic		1.50E+01	1.75E+00	3.50E+01
		6.10E+00	NC	S
145 Chromium (VI)		4.10E+01	S	S
146				
147 Total 148				
0 2				
\ 0		SE CED	Child Exposure	Exposure Duration
151			3	n Duration
N		IED IT	Infant Exposure	Exposure Duration

98	101 103 RES-B 104 SENSITIVITY CASE 105	108 ORGANICS	Acrylonitrile	Aldrin	Anitine	Bis(2-eth)	Carbazole	Carbon Tet	Chloroform	1,4-Dichle	1,1-Dichle	1,2-Dichloroethane	1,1-Dichic	Dieldrin	Hexachlorobenzene	Hydrazine	Lindane	Methyl chloride	Methylene chloride	4-Methylphenol	n-Nitrosoc	PAHS	Benzo(a	Chrysene	Dibenzo	Parathion	Muluorine	Trichloroethene	Vanona	Vinyl chloride	INORGANICS	Arsenic	Cadmium Chromium (VI)	-
3	ASE		rile			Bis(2-ethvlhexvl)nhthelete	מיובעו ביושותות מבר	Carbon Tetrachloride	=	1,4-Dichlorobenzene	proethane	proethane	proetnene	i, c'ulcilloropropane Dieldrin	phenzene			oride	chloride	4-Methylphenol	n-Nitrosodimethylamine		Benzo(a)pyrene	Ð.	Dibenzo(a,h)anthracene			oethene		ride			(1)	
TABLE 29 ADULT CARCINOGENIC RISK	VEGETABLE INGESTION CARC. RISK		NA	1.02E-16	6.03E-16	2 8/E-18	3.336-18	NA	NA NA	NA	¥	7.59E-17	Z :	1 10F-15	2,00F-15	1.52E-08	5.92E-19	NA	Y.	c	3.47F-11		4.10E-15	3, 19E-15	7.23E-15	A SOF \$	3.20E-14	4 × ×	7 175-18	NA .		1.98E-15	A N	00 177
GENIC RISK	MILK INGESTION CARC. RISK		NA	7.43E-19	Z.31E-21	NA 1/E-10	8 37F-22	NA	N.	NA	H	3.31E-22	Y :	1 25E-10	1 06F-17	4.47E-18	1.29E-22	NA	YA:	R 177 30	2.48F-19		1.16E-15	4.05E-17	1.34E-15	NE 20 1	7.28E-19	Z Z	8 20E-22	NA NA		3.65E-15	A N	7 7 7
4	BEEF INGESTION CARC. RISK		AN	1.12E-19	9.04E-22	4 1/E. 30	3 22E-22	NA	AN	NA	밀	1.29E-22	A :	2 05E-20	3 215-18	1.75E-18	4.98E-23	AN	AN	NE O	0 7/5-20	7.146 60	2.51E-16	1.11E-17	2.81E-16	¥ 5	Z.85E-19	Z Z	Z 255-22	NA NA		4.78E-17	AN S	
J	SOIL/DUST INGESTION CARC. RISK		AN	2.73E-19	3.31E-18	NA O OZE 24	1 16E-10	NA NA	Z	NA	뿔	2.71E-19	Y.	NA 725-10	1 255-16	3.02E-13	1.78E-20	NA	NA	NE S	3.49E-14	1.00	2.97E-15	2.97E-16	2.97E-15	¥ ;	3.49E-16	ď s	7 7/E-20	NA NA		6.73E-15	A S	1
Ε	FISH INGESTION CARC. RISK		AN	4.36E-26	1.22E-21	NA 741 /	6.10E-22	NA NA	AN	NA	¥	4.76E-24	Y.	1 FOE 22	4 20E-19	9.66E-20	5.62E-26	NA	NA	NE SE	1.12E-20	0.005+00	1.47E-18	3.73E-18	8.35E-16	E S	6.96E-20	N S	NA 25	NA NA		7.82E-15	NA V	£ .
z	DERMAL EXPOSURE CARC. RISK		NA	2.01E-19	2.44E-18	NA 7 2 7	8 55E-20	NA	A Z	NA	끻	1.99E-19	Y :	2 / 75 - 10	0 175-17	2.22E-13	1.31E-20	NA	NA	E S	4.5/E-14	1.616-13	2.19E-15	2.196-16	2.19E-15	N I	2.57E-16	Y.	NA 70	NA NA		4.95E-15	NA NA	Y .
5	TOTAL ADULT CARC. RISK		NA	1.04E-16	6.09E-16	NA Y	3 52E-10	NA	AN	AN	¥	7.64E-17	AN	NA POE	Z 22E-15	1.525-13	6.23E-19	AN	AN	E SE	7 . ZUE - US	J. +1 E.	1.07E-14	3.76E-15	1.48E-14	¥	3.26E-14	Y.	7 ZOF 40	NA NA		2.52E-14	NA N	¥ .

A	MILK BEEF SOIL/DUST FISH DERMAL INGESTION INGESTION EXPOSURE CARC.		NA NA	1.93E-19 7.70E-27	1.76E-22 2.34E-18 2.15E-22	32F-19 1.20F-20 7.03F-21 7.34F-27	6.28E-23 8.21E-20 1.07E-23 5.	NA NA NA	NA NA NA	NA NA		2.52E-23 1.91E-19 8.40E-25 1	AN AN AN	5.746-21 3.336-19 2.786-24	8.80E-17	3.42E-19 2.13E-13 1.70E-20	9.71E-24 1.26E-20 9.91E-27	AN AN	AN A	3.95e-20 2.46e-14 1.98e-21	90E-20 1.16E-15	1 10 10 10 10 10 10 10 10 10 10 10 10 10	2.10E-15 2.60E-19	6.06-16 5.47-17 2.10E-16 0.30E-17 1.43E-10	NE NE NE	-19 5.54E-20 2.47E-16 1.23E-20 1.6	NA NA NA	NA.	9.89E-2/		-15 9.31E-18 4.7	NA N	
Q R BLE 30 ILD CARCINGGENIC RISK	ALATION VEGETABLE CARC. INGESTION RISK CARC. RISK			1.93E-18 1.20E-17	_	7.05E-20 3.32E-19	4			3.57E-20 NA	•	1.91E-18 9.79E-18	. 0.	· &			1.26E-19 7.46E-20		T IN	.47E-13	1.16E-14 4.16E-12		1 125-15 2 775-16	1.12E-14 8.69E-16	1	4.3	NA	NA A	6.94E-18 NA		2.5	1.21E-15 NA 1.16E-15 NA	
B TABI	INI SENSITIVITY CASE	ORGANICS	Acrylonitrile	Aldrin	Benzene	Bis(2-ethylhexyl)phthalate	Carbazole	Carbon Tetrachloride	Chlorotorm	1,4-Dichlorobenzene	1 2-Dichlorocthane	1.1-Dichloroethene	1,2-Dichloropropane	Dieldrin	Hexachlorobenzene	Hydrazine	Lindane Mothyl oblosids	Methylene chloride	4-Methylphenol	Monomethyl hydrazine	n-Nitrosodimethylamine	Reprofetorement	Chryspa	Dibenzo(a,h)anthracene	Parathion	Quinoline	Tetrachloroethene	Venone	Vinyl chloride	INORGANICS	Arsenic	Cadmium Chromium (VI)	

U	KES-B SENSITIVITY CASE	ORGANICS	Acrylonitrile	Aldrin	Aniline	Benzene	Bis(2-ethylhexyl)phthalate	Carbazole	Carbon Tetrachloride	Chloroform	,4-Dichlorobenzene	, 1-Dicinio: cethane	2-Dichloroethane	1-Dichloroethene	1,2-Dichloropropane	eldrin	Hexachlorobenzene	hydrazıne i - d	manie ****** *** **************************	Methylene chloride	4-Methylphenol	Monomothy hydroning	mondification of the	HIS	Benzo(a)pyrene	Chrysene	Dibenzo(a,h)anthracene	Parathion	Quinoline	Tetrachloroethene	Trichloroethene	Vapona	Vinyl chloride	INORGANICS	Arsenic		Chromium (VI)	lotal
Z TABLE 31 INFANT CARCIN	INHALATION CARC. RISK		4.89E-15	1.26E-18	1.53E-17	4.47E-19	4.61E-20	5.38E-19	1.02E-17	5.37E-17	2.34E-20	묒	1.25E-18	2.83E-17	5.94E-19	2.18E-18	5.77E-16	7.9/E-12	8.24E-20	1.156-19	11.305-17	N C	7 / 7 4F	. OZE	7.30E-15	7.30F-16	7.30E-15	및	1.62E-15	8.33E-21	2.96E-19	3.40E-19	4.55E-18	!	2.67E-13	7.94E-16	7.61E-16	8.43E-12
AA 51 CARCINOGENIC RISK	BREAST MILK INGESTION CARC. RISK		3.39E-17	1.05E-17	7.37E-17	5.17E-22	1.39E-18	1.56E-18	1.76E-19	7.02E-20	4.06E-22	쁘	7.56E-18		1.03E-20	7.44E-17	3.71E-16	8.78E-10	2.43E-19	4.13E-21		•	25	Z.UZE-12	-68E-	3,716-15	735	¥	5.95E-15	2.23E-21	5.14E-21	27E			NA .	A'N	NA	9.50E-10
¥В	TOTAL INFANT CARC. RISK		4.92E-15	1.18E-17	8.90E-17	4-47E-19	1.44E-18	2.09E-18	1.03E-17	5.38E-17	2.38E-20	¥	-	-398"	6.04E-19	-999.	-48E-		- 26E-	1.19E-19	. 300	NE S	7.01E-11	Z.USE-1Z	4.415-14	4 44E-15	4. 46F-14	. W	7.56F-15	1.06E-20	3.01F-19	1-61F-18	5.16E-18		2.67E-13	7.94E-16	7.61E-16	9.59E-10

AN TABLE 33 TOTAL LIFETIME INHALATION CARC. RISK 3.19E-14 3.19E-14 3.19E-16 5.91E-20 5.91E-10 7.16E-17
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155	ပ ရ		ш	u.
157		TABLE 34	THE MONCABOTHORNIA	CINCOUNT
158		EFFECTS (mg/kg-dav)	7	INOGENIC
159				
160		Inhalation	Oral	Dermal
191		RfD	RfD	RfD
162	SENSITIVITY CASE			
165				
145				
1,5	OPGANICS			
167	Acetone	1 825+00	1 005-01	2
168	Acetonitrile	1 005-03	10-300-1	2 2
18	Acrylopitrile	70-00E-7	2 ZOE 0	3.00E-02
120	Aldrin	2 555-03	7 00E-04	3 5
171		7 7/5 07	3.00E-U5	1.50E-U5
122	Athorisa	7.70E-US	1.95E-03	9.75E-04
7 7	Pongal debyde	1 00E-03	2 - 00E - US	2.50E-03
17,	Benzele	1.00E-01	1.005-01	5.00E-02
1 K	Bonzofinon	30.205.02	1.005-03	NC SE
175	Benzoic Acid	2.00E-05	2.00E-03	2.50E-03
177	Benzonitrile	8 00E-02	9 00E+00	7.00E+00
178	Benzothiazole	1.00E-03	1 005-03	5 00E-03
179	Biphenyl	1.33E-03	5.00F-02	NC JAC
180	Bis(2-ethylhexyl)phthalate	5.10E-03	4.00E-03	1.00E-02
181	Carbazole	5.00E-03	5.00E-03	
182	Carbon Tetrachloride	3.16E-02	7.00E-04	¥C
185	4-Chloroaniline	4.00E-03	4.00E-03	2.00E-03
2 K	Chlorobenzene	5.00E-03	2.00E-02	25
3 2	4 Chlorobinbeny	2 335-02	20-325-02	1.22E-02
187	Chloroethane	2.65F+00	NA NA	1. IOE-UZ
188	Chloroform	5.00E-02	1.00E-02	Z Z
189	Dibenzofuran	AN	AN	AN
8	Dichlorobenzenes (total)	4.00E-02	9.00E-02	NC
5 5	1,1-Dichloroethane	1.00E-01	1.00E-01	2
761	1,2-Dichloroethane	4.08E-02	4.89E-03	2.45E-03
5 5	1,1-Dichloroethene	2.04E-02	9.00E-03	2
19.	1 2-Dichloropropage	2 5/E-01	2.00E-02	2 2
196	Dieldrin	2.55E-04	5 005-03	2 50E-05
197	Dimethyldisulfide	8,105-03	8.10E-03	N.
198	Hexachlorobenzene	8.00E-04	8.00E-04	4.00E-04
18	Hydrazine	1.33E-04	6.00E-04	3.00E-04
200	Lindane	5.10E-04	3.00E-04	1.50E-04
202	Mathyl chloride	1.02E-02	2.00E-02	1.00E-02
202	Mothyl one obloride	0.525-01	1.00E-UZ	⊋ :
202	Methyl ethyl ketone	0.075-01	20-100 S	NC C
202	4-Methylphenol	1 025-02	5 005 0	2.50E-01
206	Monomethyl hydrazine	1.94E-05	2.20E-04	1.105-02
207	Naphthalene	5.10E-02	4.00E-03	2.00E-03
808 508	Naphthalene carbonitrile	5.10E-02	.0e	2.00E-03
200	n-Nitrosodimethylamine	2.80E-04	2.80E-04	1.40E-04
276	PARS	, , ,	00 100 /	100
212	Acenaphthalene	6.00E-02	6-00E-02	3.00E-02
213	Benzo(a)ovrene	3.00E-02	5 00E-02	3.00E-02
214	Chrysene	3.00E-02	3.00E-02	1.50E-02
				1

L	1.50E-02	2 OUE-02	1.50E-02	1.50E-02	3.00E-03	4.00E-04	3.00E-01	S	1.00E-01	1.50E-04	S	S	1.00E-02	N.	6.10E-04	4.00E-04	NO.	CN	N.	1		5.00E-05	5.00E-05	N.	2	N	N	1.50E-05	NC	2	N
ш	3.00E-02	4.00F-02	3.00E-02	3.00E-02	6.00E-03	8.00E-04	6.00E-01	1.00E-03	2.00E-01	3.00E-04	1.00E-02	2.00E-01	2.00E-02	7.35E-03	1.22E-03	8.00E-04	1.00E+00	1.30E-03	2,30E+00			1.00E-03	1.00E-03	NC	NC.	3.80E-02	NC	3.00E-04	S	SC	2.00E-01
D TABLE 34		4.00E-02	3.00E-02	3.00E-02	5.10E-05	8.00E-04	1.94E-02	1.63E-02	2.00E-01	3.00E-04	3.46E-01	5.71E-01	3.00E-03	2.74E-01	1.22E-03	8.00E-04	2.00E-01	1.33E-02	8.57E-02			2.04E-04	5.10E-05	5.10E-04	5.10E-05	1.00E-02	1.02E-03	8.57E-05	2.04E-04	1.02E-05	8.19E-03
Ü	Dibenzo(a,h)anthracene Fluoranthene	Fluorene	Phenanthrene	Pyrene	Parathion	Pentachlorobenzene	Phenol	Pyridine	Quinoline	Tetrachlorobenzene	Tetrachloroethene	Toluene	Trichlorobenzene	Trichloroethene	Unsym. dimethyl hydrazine	Vapona	Vinyl acetate	Vinyl chloride	Xylenes (total)		INORGANICS	Arsenic	Cadmium	Chromium (III)	Chromium (VI)	Copper	Iron	Mercury	Selenium	Silver	Zinc
æ			-	_	_		٠.							_	_									_							
155	215	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246

		<i>5000000000000000000000000000000000000</i>	<u> </u>
0	TOTAL ADULT HAZARD INDEX	7.38E 7.	2.05E-12 2.07E-13
z	DERMAL EXPOSURE HAZARD QUOTIENT	4.3 NA 4.3 NA 4.4 NA 4.5 NA 4.5 NA 4.6 NA 4.6 NA 4.7 NA 4.7 NA 4.8 NA	7.03E-15 7.03E-16
Σ	FISH INGESTION HAZARD QUOTIENT	1.29E-19 9.36E-23 1.20E-16 0.00E+00 2.51E-19 1.11E-16 2.51E-19 2.51E-19 2.51E-19 2.51E-21 2.51E-21 3.73E-22 2.45E-22 2.45E-22 2.45E-22 1.75E-20 0.00E+00	4.67E-18 1.18E-17
_	SOIL/DUST INGESTION HAZARD QUOTȚENT	1.0 NA	9.56E-15 9.56E-15 9.56E-16
¥	BEEF INGESTION HAZARD QUOTIENT	1.57E-17 1.57E-17 1.57E-17 1.55E-18 1.46E-18 3.30E-19 4.05E-16 1.08E-15 1.08E-15 1.08E-15 1.08E-15 1.08E-15 1.08E-15 1.08E-15 2.40E-17 2.40E-17	9.63E-15 2.43E-16
٦	MILK INGESTION HAZARD QUOTIENT	4.04E-17 4.83E-14 4.83E-14 5.38E-16 5.63E-15 5.63E-15 1.07E-17 1.07E-17 1.09E-13 1.06E-16	8.25E-14 1.98E-15
I	VEGETABLE INGESTION HAZARD QUOTIENT	3.25E 10 6.17E 113 6.17E 113 6.17E 113 7.25E 13 7.25E 15 7.25E 13 8.35E 16 8.46E 15 7.26E 15	5.59E-14 1.45E-14
H TABLE 35 ADULT HAZARD INDEX	INHALATION HAZARD QUOTIENT	1.38E-15 1.58E-10 1.58E-11 1.54E-11 2.24E-11 2.24E-11 2.24E-11 2.24E-11 2.24E-11 3.51E-14	1.89E-12 1.89E-13
o		xyl)phthalate hloride ne nyl henyl henyl thane thene thene chene thene thane	ene
	RES-B SENSITIVITY CASE	Acetone Acetone Acetonitrile Acetonitrile Aldrin Aniline Atrazine Benzaldehyde Benzoluran Benzofuran Benzofuran Benzofuran Benzothiazole Biphenyl Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbazole Carbon Tetrachloride 4-Chlorobiphenyl Chlorobiphenyl Chlorobenzene 4-Chlorobiphenyl Chlorobiphenyl Chlorobiphenyl Chlorobiphenyl Chlorocthane Chlorobiphenyl Chlorocthane 1,2-Dichlorocthane Malathion Methyl chloride Methyl ethyl ketone 4-Methylalene Naphthalene Naphthalene Naphthalene Naphthalene Acenaphthalene Acenaphthalene Acenaphthalene Acenaphthalene	Benzo(a)pyrene Chrysene
155 156 158 158		10 h m 0 m = 11 h d 1 m 1 h m 0 m = 1 h m	213 214

ď	5	2.08E-12	1.61E-12	1.64E-13	8.31E-16	4.28E-12	2.76E-13	1.10E-11	6.01E-15	3.81E-11	4.77E-14	1.80E-11	3-45E-16	3.34E-15	5.85E-13	4.65E-15	2.58E-06	1.06E-13	3.94E-15	5.49E-14	1.59E-15		785.00	1 215-10	, ODE-11	1.72F-11	6.33E-12	1.89E-06	4.83E-10	5.08E-10	6.32E-11	3.47E-11	1.99E-05
	z	7.03E-15	5.28E-15	5.28E-16	2.74E-18	1.41E-14	8.71E-18	3,24E-14	6.91E-19	NA.	1.19E-16	4.25E-14	N.	NA	3.22E-16	NA	8.38E-11	2.58E-16	N.	AN	NA		₹ 1/E-12	2 305-16	NA NA	NA.	NA	NA	4.99E-13	NA	AN	AN	3.44E-10
3	Ε	2.65E-15	AN	7.30E-19	3.35E-18	5.35E-17	5.29E-23	NA	AN	NA	3,17E-20	NA	AN	AN	4.80E-19	AN	3.60E-17	2.64E-22	NA NA	٨	AN		4 ROF-12	NA I	Z AN	AN	3.08E-14	NA	AN	Ā	W	1.29E-14	4.94E-12
_	J	9.56E-15	7.17E-15	7.17E-16	3.72E-18	1.91E-14	1.18E-17	4.40E-14	9.39E-19	NA	1.62E-16	5.77E-14	NA	AN	4.38E-16	NA	1.14E-10	3.51E-16	AN	NA	AN		4 27E-12	3 125-14	NA	Ä	AN	NA NA	6.78E-13	WA	NA	NA	4.68E-10
2	2	1.15E-14	5.58E-16	1.19E-17	8.53E-20	1.37E-15	8.15E-20	2.60E-15	4.50E-22	NA	1.38E-19	9.40E-16	AN	AN	3.86E-18	Ą	1.25E-15	1.58E-19	NA.	Ä	AN		1 50F-13	5 03E-16	NA	AN	AN	NA	6.23E-12	NA	NA	NA	6.48E-12
_	ė,	9.90E-14	4.16E-15	6.99E-17	5.36E-19	1.02E-14	3.84E-19	1.88E-14	1.21E-21	NA	3.91E-19	5.51E-15	NA	×.	1.95E-17	NA	3.19E-15	4.24E-19	NA	NA	NA		1 225.11	1 805-14	NA	AN	AN	AN	1.69E-13	AN	AN	AN	1.31E-11
•	•	6.60E-14	1.79E-13	2.12E-14	8.52E-17	4.52E-13	2.98E-16	2.23E-12	2.67E-16	Ä	1.55E-14									NA	AN		2 N3E-11	2 44E-13	NA	N.	AN	NA	6.23E-12	AN	AN	NA	1.74E-05
3	TABLE 35	1.89E-12	1.42E-12	1,42E-13	7.36E-16	3.78E-12	2.75E-13	8.70E-12	5.74E-15	3.81E-11	3.19E-14	1.14E-11	3.45E-16	3.34E-15	5.77E-13	4.65E-15	2.25E-08	6.94E-14	3.94E-15	5.49E-14	1.59E-15		4.13F-09	1.21F-10	4.90F-11	1.72E-11	6.30E-12	1.89E-06		5.08E-10			2.44E-06
<u>c</u>		Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Parathion	Pentachlorobenzene	Phenol	Pyridine	Quinoline	Tetrachlorobenzene	Tetrachloroethene	Toluene	Trichlorobenzene	Trichloroethene	Unsym. dimethyl hydrazine	Vapona	Vinyl acetate	Vinyl chloride	Xylenes (total)	INORGANICS	Arsenic	Cadmium	Chromium (III)	Chromium (VI)	Copper	Iron	Mercury	Selenium	Silver	Zinc	Total (Hazard Index)
155 8		215	917	117	218	219	220	221	222	223	224	225	226	227	228	556	230	231	232	233	234	236 IN		238	239	540	241	245	243	544	245	246	548
-			•							. • 1					. •		. •	. •							. 4	···			~ (u (4 10	

>	ST FISH ON INGESTION HAZARD QUOTIENT		N	ς.		2 2	5	4		-16 1.245-20	8.43E-		AN OZE	-14 1.49E-18	AN	16 5.3	,	-17 5.53E-22	•	AN:	N N	Z N	-15 2.64E-20	Y.	AN	-15 4.87E-20		1.21E-	09 1.33E-16	3.30E	NA			1,23E-21				3.95E-1	1.53E-1	1.06E-17
D .	SOIL/DUST ON INGESTION HAZARD T QUOTIENT				7,				2 TAR	3.25	3.55E	1.21E	NA 1 205	1.17	AN	8.	NA A 7 7 8	1.78	¥				6.10E	Y S		5 5.91		· ·		3 (1				19 9.09E-16		, -				14 8.64E-14
⊢	BEEF ION INGESTION) HAZARD IT QUOTIENT		NA	9	<u>~</u>	5 2	1	M		19E-19 6.49E-20			.10	17		1.6		-17 7.97E-1		AN			-18 8.2	AN S		-14 1.01E-1		<u></u>	40	200	3		4	-18 1.95E-19 -14 2.42E-15	ŭ	7.	-			13 2.40E-14
v	SLE MILK TON INGESTION HAZARD AT QUOTIENT		NA			. ~			3	-17-	-11	-13	.17	14 9.91		-14	NA NA 04E-17	, —		AN :			-13 5.13E	AX A		1.9		6.30E	1.595	9.42	NA			-14 1.27E-18				11	u , ,	-13 4.76E-13
Q 36 HAZARD INDEX	ON VEGETABLE INGESTION IT HAZARD QUOTIENT			.,	33.33		-13 6.88E-14		0	4	9	.,	α	, N		_	0	4		-12 NA			3.1	15 NA		-14 2.48E-12			1.75E-05					15 2.18E-14						- (
TABLE 36 CHILD HAZ	INHALATION HAZARD QUOTIENT		3.11E-15	5.12E	3,125	3.71	3.49E	1.31E	1 285	1.61E	1.75E	5.97E			2.64E	4.12E	1.925	8.77E	5.49E-1	1.42	4-125-14	4.71E-14	3.61E-14	1.245	2.64F	5.72E	4.95E	4.82E	3.75E	1.96	1.86E-	1.38E-	2.75E-	A 10E	5.19	2.75E-	5.71E-	.06E	.06E	4.27E-
ပ	RES-B SENSITIVITY CASE	SS	Acetone	Acetonitrite Acrvionitrile	Aldrin	Aniline	Atrazine	Benzaldenyde Benzene	Benzofuran	Benzoic Acid	Benzonitrile	Benzothiazole	Bis(2-ethylbexvl)phthalate	Carbazole	Carbon Tetrachloride	4-Chloroaniline	Gricoropenzene 4-Chlorobiphenyl	4,4-Chlorobiphenyl	oroethane	Chiorotorm	Dichlorobenzenes (total)	-Dichloroethane	,2-Dichloroethane	7-Dichlorosthers	2-Dichloropropane	Dieldrin	Dimethyldisulfide	Hexachlorobenzene	hydrazine Lindane	Malathion	Methyl chloride	Methylene chloride	Methyl ethyl ketone	4-metnylphenol Monomethyl hydrazine	Naphthalene	Naphthalene carbonitrile	n-Nitrosodimethylamine PAHs	Acenaphthalene	Acenaphthene	Benzo(a)pyrene Chrysene
m į		65 66 ORGANICS		AC	¥ Y	An													187 Ch			1,			100	Die	D.	Hey	L in	Mal	Met	Met	Met	TO TO	Nap	Nap	PAHS			

27E-12 1.75E-13 2.87E-14 8.64E-14 5.98E-15 5.88E-14 2.06E-12 3.26E-14 4.66E-14 6.48E-14 6.48E-14 6.48E-14 4.41E-15 2.06E-13 3.36E-16 4.06E-16 2.96E-17 5.57E-18 2.29E-17 4.41E-15 2.53E-12 7.36E-16 3.06E-16 3.06E-17 7.57E-18 2.29E-17 7.29E-17 2.53E-13 7.36E-14 3.42E-15 3.06E-17 7.57E-18 2.29E-17 7.29E-17 2.53E-14 3.42E-16 3.06E-18 2.03E-19 1.07E-16 1.19E-22 7.29E-17 2.56E-14 3.42E-16 3.06E-18 3.42E-16 3.96E-17 7.57E-18 2.78E-18 3.06E-14 2.26E-18 3.42E-15 3.96E-13 NA NA NA 5.57E-11 3.8E-14 3.42E-15 3.96E-15 NA 3.55E-17 NA 3.06E-14 4.53E-16 3.48E-15 3.96E-15 3.96E-15 7.06E-16 3.96E-16 3.06E-14 3.48E-15 3.96E-16		TABLE 34	œ	w	F	ם	, >	3	×	
20E-12	Dibenzo(a,h)anthracene	4.27E-12	1.15E-13	5.72E-13	2.87E-14	8.64E-14	5 98F-15	5 88F-14	5 13F-12	
20E-13 3.36E-14 4.04E-16 2.96E-17 6.48E-15 1.65E-18 4.41E-15 2.36E-17 7.35E-18 2.36E-17 1.36E-18 1.36E-16 3.10E-18 2.03E-19 1.07E-16 1.19E-22 2.29E-17 2.35E-17 1.09E-13 1.21E-16 1.19E-22 1.20E-17 2.20E-17 2.36E-18 1.07E-16 1.19E-22 1.20E-17 2.30E-17 1.09E-13 1.09E-13 1.07E-16 1.19E-22 1.20E-17 2.30E-17 1.09E-13 1.09E-11 1.09E-13 1.09E-18 1.09E-19 1.00E-19 1.09E-19 1.09E			2.82E-13	2.40E-14	1.39E-15	6.48E-14	NA	4-41E-14	3.62E-12	
66E-15 1.36E-16 3.10E-18 2.13E-19 3.36E-17 7.57E-18 2.29E-17 5.38E-14 4.43E-15 2.28E-15 1.73E-13 1.21E-16 1.18E-13 2.29E-17 2.22E-17 2.22E-17 1.09E-13 6.48E-15 3.98E-13 1.21E-16 1.19E-27 7.29E-17 2.22E-17 1.09E-13 6.48E-15 3.98E-13 1.21E-16 1.19E-27 7.29E-17 2.22E-17 1.09E-13 6.48E-15 3.98E-13 1.46E-15 7.16E-20 9.94E-16 1.18E-13 2.29E-17 1.21E-14 2.26E-18 3.43E-15 1.46E-15 7.16E-20 9.94E-16 1.31E-16 1.31E-17 7.16E-19 1.31E-17 1.01E-11 1.31E-16 1.31E-17 1.01E-19 1.31E-19 1.31E			3.36E-14	4.04E-16	2.96E-17	6.48E-15	1.65F-18	4 41F-15	3,65F-13	
53E-12 7.14E-13 5.87E-14 3.42E-15 1.73E-15 1.21E-16 1.18E-13 5.22E-13 6.23E-17 1.07E-16 1.19E-22 7.29E-17 6.99E-13 6.43E-16 5.99E-13 1.07E-16 1.19E-22 7.29E-17 6.99E-13 1.07E-16 1.19E-22 7.29E-17 1.02E-12 6.99E-13 1.07E-16 1.19E-22 7.29E-17 1.02E-14 6.99E-13 1.02E-13 8.43E-18 1.08E-16 1.09E-22 7.29E-17 1.02E-14 1.02E-14 1.02E-15 8.43E-15 7.16E-20 9.94E-16 5.72E-13 1.08E-16 1.08E-16 1.08E-18 1.08E-17 1.08E-18 1.08E-18 1.08E-17 1.08E-18 1.08E-17 1.08E-18 1.08E			1.36E-16	3.10E-18	2.13E-19	3.36E-17	7.57E-18	2.29E-17	1.87E-15	
22E-13			7.14E-13	5.87E-14	3.42E-15	1.73E-13	1.21E-16	1.18E-13	9-60F-12	
96E-11 3.42E-12 1.09E-13 6.48E-15 3.98E-13 NA 2.7TE-13 3.0E-11 3.42E-12 1.09E-12 8.49E-18 NA 5.78E-18 NA 5.78E-18 NA 5.78E-18 NA			4.88E-16	2.22E-18	2.03E-19	1.07E-16	1.19E-22	7.29E-17	6.22E-13	
30E-14		1.96E-11	3.42E-12	1.09E-13	6.48E-15	3.98E-13	AN	2 715-13	2 30F-11	
59E-11 NA		1.30E-14	4.43E-16	6.99E-21	1.12E-21	8.49E-18	AN	5.78F-18	1 34F-14	
21E-14 2.68-14 2.26-18 3.43E-19 1.46E-15 7.16E-20 9.94E-16 5.21E-13 NA			N.	NA	AN	NA	AN	NA	8.59F-11	
57E-11 9.81E-12 3.18E-14 2.34E-15 5.21E-13 NA			2.68E-14	2,26E-18	3.43E-19	1.46E-15	7.16F-20	9.94F-16	1.01F-13	
80E-16 NA NA <th< td=""><td></td><td>2.57E-11</td><td>9.81E-12</td><td>3.18E-14</td><td>2.34E-15</td><td>5.21E-13</td><td>NA</td><td>3 55F-13</td><td>3.65F-11</td><td></td></th<>		2.57E-11	9.81E-12	3.18E-14	2.34E-15	5.21E-13	NA	3 55F-13	3.65F-11	
53E-15 NA NA NA NA NA NA NA NA NA N		7.80E-16	W	AN	NA	NA	AN	NA NA	7 ROF-16	
30E-12 1.21E-14 1.13E-16 9.63E-18 3.96E-15 1.08E-18 2.70E-15 05E-14 NA		7,53E-15	A	AN	AN	NA	AN	AN	7.53F-15	
05E-14 NA		1.30E-12	1.21E-14	1.13E-16	9.63E-18	3.96E-15	1.08F-18	2, 70F - 15	1.32F-12	
08E-08 4.73E-06 1.84E-14 3.12E-15 1.03E-09 8.13E-17 7.00E-10 87E-13 NA		1.05E-14	NA	AN	AN	NA	NA	NA	1 05F-14	
57E-13 7.10E-14 2.45E-18 3.95E-19 3.17E-15 5.97E-22 2.16E-15 89E-15 NA	Unsym, dimethyl hydrazine	5.08E-08	4.73E-06	1.84E-14	3,12F-15	1.035-00	8 13E-17	7 005-10	785-06	
89E-15 NA		1.57E-13	7-10E-14	2.45E-18	3.95E-19	3, 17F-15	5 975-22	2 16E-15	2 33F-13	
24E-13 NA		8.89E-15	N	AN	NA	AN	NA	NA	8 805-15	
58E-15 NA		1.24E-13	N	AN	AN	NA	NA	AN	1 2/4-13	
33E-09 3.74E-11 7.03E-11 3.73E-13 3.85E-11 1.10E-11 2.63E-11 7.5E-13 1.25E-13 3.85E-11 1.10E-11 2.63E-11 7.92E-13 1.25E-13 1.25E-14 1.0		3.58E-15	N	AN	X	NA	Ä	NA N	3.556-15	
33E-09 3.74E-11 7.03E-11 3.73E-13 3.85E-11 1.10E-11 2.63E-11 7.5E-19 1.25E-13 1.25E-14 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.										
33E-09 3.74E-11 7.03E-11 3.73E-13 3.85E-11 1.10E-11 2.63E-11 7.3E-13 1.25E-15 2.82E-13 NA 1.92E-13 NA 1.92E-13 1.25E-13 NA										
73E-10		9.33E-09	3.74E-11	7.03E-11	3.73E-13	3.85E-11	1.10E-11	2.63E-11	9.52F-09	
11E-10 NA		2.73E-10	4.32E-13	1.04E-13	1.25E-15	2.82E-13	AN	1-92E-13	2.74E-10	
89E-11 NA NA <th< td=""><td></td><td>1.11E-10</td><td>A</td><td>AN</td><td>AH</td><td>A</td><td>AN</td><td>NA</td><td>1,11F-10</td><td></td></th<>		1.11E-10	A	AN	AH	A	AN	NA	1,11F-10	
42E-11 NA NA NA NA NA NA 6.95E-14 NA NA OSE-06 NA		3.89E-11	AN	AN	NA.	N.			3.89E-11	
26E-06 NA		1.42E-11	A.	AN	NA.	AN			1.43F-11	
06E-09 1.07E-11 9.76E-13 1.55E-11 6.12E-12 NA 4.17E-12 15E-09 NA		4.26E-06	NA V	¥	AN	AN			4.26F-06	
15E-09 NA		1.06E-09	1.07E-11	9.76E-13	1.55E-11	6.12E-12		7	1 10F-09	
43E-10 NA NA NA NA NA NA NA NA NA S4E-11 NA NA NA 2.92E-14 NA S1E-06 3.36E-05 7.57E-11 1.62E-11 4.22E-09 1.11E-11 2.88E-09		1.15E-09	AN	AN	AN	AN	AN	NA	1.15F-00	
84E-11 NA NA NA 2.92E-14 NA S1.82E-09 1.11E-11 2.88E-09		1.43E-10	NA	NA	AN	W	AN	NA	1 435-10	
51E-06 3.36E-05 7.57E-11 1.62E-11 4.22E-09 1.11E-11 2.88E-09		7.84E-11	Ą	AN	AN	ΥA		NA	7.84E-11	
51E-06 3.36E-05 7.57E-11 1.62E-11 4.22E-09 1.11E-11 2.88E-09										
		5.51E-06	3.36E-05	7.57E-11	1.62E-11	4.22E-09	1.11E-11	2.88E-09	3.91E-05	

SENSITIVITY CASE ORGANICS Acetonitrile Benzaldehyde Benzaldehyde Benzaldehyde Benzoritrile Ben	156 160 161 RES-B 162 SENSITIVITY 163 SENSITIVITY 164 Acetone 165 Acetone 166 Acetone 167 Acetone 177 Aniline 177 Aniline 177 Benzole 177 Benzole 177 Benzole 178 Benzole 178 Benzole 179 Bipleny 181 Carbazo 182 4-Chlor 184 Chlore 185 4-Chlore		1		
NIMALATION BREAST MILK HAZARD SENSITIVITY CASE HAZARD	SENS:		INFANT HAZARD	INDEX	
NES-B	SENS ORGA				
NAZARD N	SENS ORGA		INHALATION	BREAST MILK	TOTAL
Acetone Aceton	OR GA		HAZARD	INGESTION	INFANT
Acetone Acetone Acetone Acetone Acetone Acetone Acetone Aldrin Aniline Atrazine Arithe Atrazine Benzaldehyde Benzaldehyde Benzaldehyde Benzofuran Benzofuran Bis/C-ethylhexyl)phthalate Bis/C-ethylhexyl) Bis/C-ethylylexyl) Bis/C-ethylhexyl) Bis/C-ethylylexyl) Bis/C-ethylylex	ORGA		ADDITON.	DIOTIENT	INDEX
Acetone Acetone Acetonitrile Acetonitrile Acetonitrile Acetonitrile Acetonitrile Acetonitrile Addrin Aniline Arazine Aniline Arazine Aniline Arazine Aniline Benzene Benzene Benzene Benzene Benzene Benzene Benzene Benzene Benzene Benzenitrile B	ORGA				
Acetonitrile 3.35E-10 1.32E-10 1.45E-12 1.44Crin trile 3.25E-10 1.53E-10 1.53E-10 1.52E-10 1.53E-10 1.52E-10 1.53E-10 1.52E-10 1.53E-10 1.52E-10 1.53E-10 1.52E-10 1.53E-10 1.52E-10 1.52E-10 1.53E-10 1.52E-10 1.	ORGA				
Acetone Acetone Acetone Acetone Acetone Acetone Acetone Acetonitrile Acryonitrile 3.55E-10 1.52E-09 1.63E-12 Aldrin Aniline Acryonitrile 2.04E-14 1.45E-12 1.52E-09 1.63E-14 1.45E-12 1.52E-13 9.53E-14 1.52E-13 9.53E-14 1.52E-13 9.53E-14 1.52E-13 9.53E-14 1.52E-13 9.53E-14 1.52E-14 1					
Acetomitrile Acrylonitrile Acrylonitrile Acrylonitrile Ardrin Aniline Ardrin Aniline Arrazine Benzal dehyde Benzal Acid Benzal Acid Benzal Acid 1.25E-13 1.25E-13 1.25E-14 1.25E-13 1.25E-14 1.25E-13 1.25E-14 1.25E-15 1.25E-14 1.2			03F-	3£7	2 48E-15
Accylonitrile 3.25E-10 1.63E-17 3.4drin Antitine 2.04E-14 1.45E-12 1.45E-12 Antitine 2.04E-14 1.45E-12 1.45E-12 1.45E-12 1.45E-12 1.45E-12 1.45E-12 1.45E-12 1.45E-12 1.45E-13 1.25E-13 1.25E-13 1.25E-13 1.25E-13 1.25E-13 1.25E-14 1.25E-15		trilo	356	202	1 445.00
Aid fine Ariazine Ari		1 1 1 1	250	7727	7 /47 40
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AB	1.04E-11	7.96E-12	8.06E-13	4.11E-15	2.11E-11		2.19E-11	1.01E-14	7.22E-11	2.21E-13	3.16E-11	8.17E-16	4.97E-15	9.31E-13	1.13E-14	9.43E-06	4.87E-13	5.84E-15	9.55E-14	2.35E-15		6.11E-09	1.79E-10	7.24E-11	2.55E-11	9.32E-12	2.79E-06	6.93E-10	7.51E-10	9.33E-11	5.13E-11		6.74E-05
A	7.57E-12	5.86E-12	5.97E-13	3.02E-15	1.55E-11	9.66E-15	9.04E-12	1.65E-15	1.59E-11	1.73E-13	1.47E-11	3.07E-16	4.07E-17	7.75E-14	4,45E-15	9.40E-06	3.85E-13	2.02E-17	1.44E-14	5.82E-20		및	뿔	밀	및	¥	¥	및	2	<u> </u>	및		6.38E-05
Z TABLE 37		2.09E-12	2.09E-13	1.09E-15	5.58E-12	4.07E-13	1.29E-11	8.48E-15	5.62E-11	4.72E-14	1.68E-11	5.10E-16	4.93E-15	8.53E-13	6.87E-15	3.32E-08	1.02E-13	5.82E-15	8.11E-14	2.35E-15		6.11E-09	1.79E-10	7.24E-11	2.55E-11	9.32E-12	2.79E-06	6.93E-10	7.51E-10	9.33E-11	5.13E-11		3.61E-06
ນ 	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Parathion	Pentachlorobenzene	Phenol	Pyridine	Quinoline	Tetrachlorobenzene	Tetrachloroethene	Toluene	Trichlorobenzene	Trichloroethene	Unsym. dimethyl hydrazine	Vapona	Vinyl acetate	Vinyl chloride	Xylenes (total)	INORGANICS	Arsenic		Chromium (III)	Chromium (VI)	Copper	Iron	Mercury	Selenium	Silver	Zinc		Total (Hazard Index)
156	215	516	217	218	219	220	221	22	23	224	225	226	227	228	229	230	231	232	233	234		237	238	239	240	241	242	243	544	245	546	247	248

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C CARCINGENIC RISK CONTRIBUTION BY PATHWAY	RES-B SENSITIVITY CASE Adult Inhalation	Ingestion Vegetables Milk	Beef Soil\Dust Fish	Dermal Child Inhalation	Ingestion Vegetables Milk Beef Soil\Dust Fish	Dermal Infant Inhalation	Breast Milk Ingestion Total
A 8 2554 2555	253 259 260 260 260 270 270 270 270 270 270 270 270 270 27	262 264 265 265	266 267 268 269	272 273 273 273 273	275 277 277 278 280 280	582 7 583 583 br>583 7 583 583 br>583 7 583 583 7 583 583 7 583 583 7 583 583 7 583 583 7 583 583 583 7 583 583 7 583 583 7 583 583 7 583 583 7 583 583 7 583 583	287 288 290

RES-B SENSITIVITY CASE SENSITIVITY CASE Arcylonitrile Aldrin Aniline Banzene Bis(2-ethylhexyl)phthalate Carbazole I,4-Dichlorobenzene I,1-Dichloroethene I,2-Dichloroethene I,2-Dichloroethene I,1-Dichloroethene I,1-Dichloroethene I,1-Dichloroethene I,1-Dichloroethene Lindane Methylchenol Monomethyl hydrazine Nethylchenol Monomethyl hydrazine Nethylchenol Monomethyl hydrazine Nethylchenol Monomethyl hydrazine Iindane Methylchenol Monomethyl hydrazine Inchloroethene Chrysene Dibenzo(a,h)anthracene Parathion Quinoline Tetrachloroethene Vapona Vinyl chloride Vapona Vinyl chloride Cadmium Chromium (VI)	RES-B				
SENSITIVITY CASE SENSITIVITY CASE Aldrin Aniline Banzene Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbazole Carbazole Carbazole Carbazole 1,4-Dichlorobenzene 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane Nethyl chloride Methyl hydrazine Nethyl chloride Methyl hydrazine Nethyl chloride Dibenzo(a,h)anthracene Parathion Quinoline Tetrachloroethane Vapona Vinyl chloride Vapona Vinyl chloride Cadmium Chromium (VI)	SENSITIVITY CASE SENSITIVITY CASE Acrylonitrile Aldrin Aniline Benzene Bis(2-ethylhexyl)phthalate Carbarole Carbarole Carbon Tetrachloride Chloroform 1,4-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroeth		Ú	AS AT	
SENSITIVITY CASE SENSITIVITY CASE SENSITIVITY CASE ACYLONITRIE ALGRIN ANILINE BENZENE Carbazole Charbazole 1,1-Dichloroethane Lindane Methyl chloride Methyl hydrazine Nethyl chloride Amethyl hydrazine Nethyl hydrazine Chrysene Dibenzo(a,h)anthracene Dibenzo(a,h)anthracene Parathion Quinoline Tetrachloroethane Vapona Vinyl chloride Vapona Vinyl chloride Cadmium Chromium (VI)	SENSITIVITY CASE SENSITIVITY CASE ACAVIONITRILE ALGRIN ANILINE BENZENE BISC2-ethylhexyl)phthalate Carbazole Carbazole Carbazole Carbon Tetrachloride Chloroform 1,4-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane Chrysene Chrysene Chrysene Chrysene Dibenzo(a,h)anthracene Parathion Quinoline Tetrachloroethane Trichloroethane Trichloroethane Vapona Vinyl chloride Irichloroethane Cadmium Chromium (VI)	86		TABLE 39	
RES-B SENSITIVITY CASE ORGANICS Acrylonitrile Aldrin Aniline Aniline Bis(2-ethylhexyl)phthalate Carbazole Carbazole Aldrin Aniline Bis(2-ethylhexyl)phthalate Carbazole Carbazole Aldrin Aniline Bis(2-ethylhexyl)phthalate Carbazole Carbazole Aldrin Aniline Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbazole Aldrin Aniline Bis(2-ethylhexyl)phthalate Carbazole Carbazole Aldrin Aldrin Aldrin Aldrin Aldrin Aldrin Aldrin Aldrin Aldrazine Aldrin Aldr	RES-B SENSITIVITY CASE ORGANICS Acrylonitrile Aldrin Aniline Benzene Bis(2-thylhexyl)phthalate Carbazole 1,4-0 ichlorobenzene 1,2-0 ichlorocethane 1,1-0 ichlorocethane 1,1-0 ichlorocethane 1,1-0 ichlorocethane 1,1-0 ichlorocethane 1,2-0 ichlorocethane 1,2-1 ichlorocethane 1,2-1 ichlorocethane 1,3-2 ichlorocethane 1,0	6		ADULT INHALATION CARC	SINOGENIC RIS
SENSITIVITY CASE SENSITIVITY CASE Acrylonitrile Aldrin Aniline Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbon Tetrachloride Chloroform 1,4-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane Chrysene Chrysene Dibenzo(a,h)anthracene Parathion Quinoline Tetrachloroethane Vapona Vinyl chloride Vapona Vinyl chloride Cadmium Chromium (VI)	Natural Content	85		(These numbers are for	or sensitivit
SENSITIVITY CASE SENSITIVITY CASE Acrylonitrile Addrin Aniline Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbazole Carbon Tetrachloride Chloroform 1,4-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane Nethyl chloride Methyl chloride Methyl hydrazine Nethyl chloride Monomethyl hydrazine Nethyl chloride Dibenzo(a,h)anthracene Parathion Quinoline Tetrachloroethane Vapona Vinyl chloride Vapona Vinyl chloride Cadmium Chromium (VI)	SENSITIVITY CASE	05		dia ()	
SENSITIVITY CASE ORGANICS Actrin Aniline Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbazole Carbazole Carbon Tetrachloride Chloroform 1,4-Dichloroethane 1,1-Dichloroethane Nethyl chloride Amethyl hydrazine Nethyl chloride Amethyl hydrazine Nonomethyl hydrazine Nethyl chloride Chrysene Dibenzo(a,h)anthracene Parathion Quinoline Tetrachloroethane Vapona Vinyl chloride Cadmium Chromium (VI) Total	ORGANICS ORGANICS Actylonitrile Aldrin Aniline Benize Bais(2-ethylhexyl)phthalate Brize Carbon Tetrachloride 1, 2-Dichlorocthane 1, 3-Dichlorocthane 2, 9-BE-15 Barathion Disparod a, h)anthracene NE Disparod a,			INHALATION	
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Addrin Aniline Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbazole Chloroform 1,4-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane 1,4-Methylphanol 1,4-Dichloroethane 1,5-Dichloroethane 1,6-Dichloroethane 1,7-Dichloroethane	Authorition Antine Benzene Benzene Bis(2-ethylhexyl)phthalate Carbacole Carbacole Carbacole Carbacole Carbacole 1,7-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 2,95-18 Monomethyl hydrazine 1,12-19 Methyl chloride Dibenzo(a,h)anthracene 2,98-17 Methyl chloride Dibenzo(a,h)anthracene 2,19-17 Methyl chloride Dibenzo(a,h)anthracene 3,88-16 1,3-C-19 1,3-	OKEA	105	777	
Aldrin Aniline Banzene Bis(2-ethylhexyl)phthalate Carbazole Carbon Tetrachloride Chloroform 1,4-Dichloroethane 1,2-Dichloroethane Nathyl hydrazine Methyl chloride A-Methylphenol Monomethyl hydrazine Methylchanine PAHS Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Parathion Quinoline Tetrachloroethane Vapona Vinyl chloride Vapona Vinyl chloride Cadmium Chromium (VI)	Aufurn Aufurn Aufurn Aufurn Benzene Bis(2-ethylhexyl)phthalate Carbazote Carbazote Carbor Tetrachloride 1,4-Dichloroethane 1,2-Dichloroethane 1,38-17 Hydrazine 1,08-11 Hydrazine 1,08-11 Hydrazine 1,08-11 Hydrazine 1,08-11 Hydrazine 1,08-11 Hydrazine 1,08-11 Hydrazine 1,12-10 Honomethyl hydrazine 1,08-11 Hydrazine 1,09-11 Hydrazine 1,09-11 Hydrazine 1,09-		crytonitrile	6-01E-15	
Aniline Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbon Tetrachloride Chloroform 1,4-Dichloroethane 1,1-Dichloroethane 1,1-	Aniline Barzene Bis(2-ethythexyl)phthalate Garbazole Carbazole Carbazole Carbazole Carbazole Carbazole Carbazole Carbazole Carbazole Carbon Tetrachloride 1,1-Dichlorobenzene 1,2-Dichlorobenzene 1,3-Bistorobenzene 1,3-Bistoro		ldrin	1.71E-18	
Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbon Tetrachloride Chloroform 1,4-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane 1,4-Methylohid 1,2-Dichloroethane 1,4-Methylohid 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane 1,4-Dichloroethana 1,4-Dichloroethana 1,4-Dichloroethana 1,5-Dichloroethana 1,6-Dichloroethana 1,7-Dichloroethana 1,7-Dichlo	Benzene 6.05E-19 Bis (2-ethylhexyl) phthalate 6.24E-20 Garbazole 7.28E-19 Carbon Tetrachloride 7.28E-19 Carbon Tetrachloride 7.28E-17 1,4-Dichlorocthane 3.16E-20 1,1-Dichlorocthane 1.70E-18 1,2-Dichlorocthane 3.83E-17 1,2-Dichlorocthane 3.83E-17 1,2-Dichlorocthane 3.83E-17 1,1-Dichlorocthane 3.83E-17 1,1-Dichlorocthane 1.70E-18 Hydrazine 1.70E-18 Hydrazine 1.70E-19 Hydrazine 1.12E-19 Methyl chloride 2.09E-17 Methylchen chloride 1.56E-19 Methylchen chloride 1.56E-19 Methylchen chloride 1.03E-14 PAHS Banzo(a) pyrene 9.88E-15 Chrysene 1.03E-14 PAHS Banzo(a,h) anthracene 9.88E-15 Chrysene 0.10E-19 Nommethyl hydrazine 1.03E-14 PAHS Bracka) pyrene 9.88E-15 Chrysene 0.10E-19 Vapona 0.10E-19 Vapona 0.10E-19 Vapona 0.10E-19 Vapona 0.10E-19 Vapona 0.10E-19 Varenic 1.07E-19 Vapona 0.10E-19 Varenic 1.07E-19 Varenic 1.07E-1		niline	2.08E-17	
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Carbazole Carbon Tetrachloride Chloroform 1,4-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 2,2-Dichloroethane 2,2-Dichl	Carbazole Carbon Tetrachloride Carbon Tetrachloride 1,4-Dichlorobenzene 1,70E-18 1,1-Dichlorobenzene 1,2-Dichlorobenzene 1,1-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,1-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,08E-17 1,10Be-11 1,10Be-11 1,10Be-11 1,03E-14 1,01E-19 1		is(2-ethylhexyl)phthalate	6.24E-20	
Carbon Tetrachloride Chloroform 1,4-Dichlorobenzene 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane Diedrin Hexachlorobenzene Hydrazine Hydrazine Lindane Methyl chloride 4-Methylphenol Monomethyl hydrazine N-Nitrosodimethylamine PAHS Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Parathion Quinoline Tetrachloroethene Trichloroethene Vapona Vinyl chloride Cadmium Chromium (VI) Total	Carbon Tetrachloride Chloroform 1,4-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane		arbazote	7.28E-19	
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1,1-Dichloroethane 1,2-Dichloroethane 2,2-Dichloroethane 2,2-Dichloroe	1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,3-B1-16 1,08-11 1,12-19 1,08-11 1,12-19 1,08-11 1,18-19 1,08-11 1,18-19 1,08-15 1,08-1	, ~	4-Dichlorobenzene	3.16F-20	
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1,7-Dichlorochane 1,2-Dichlorochane 1,2-Dichlorochane 1,2-Dichlorochane Haxachlorobenzene Hydrazine Lindane Methyl chloride 4-Methylchenol Monomethyl hydrazine n-Nitrosodimethylamine PAHS Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Parathion Quinoline Trichlorocthene Vapona Vinyl chloride Linchlorocthene Vapona Vinyl chloride Cadmium Chromium (VI)	1,7-Dichlorocthane 3.83E-17 1,2-Dichlorocthane 3.83E-17 1,2-Dichlorocthane 3.83E-17 1,2-Dichlorocthane 3.83E-17 1,2-Dichlorocthane 3.83E-17 1,3-Dichlorocthane 3.83E-17 1,3-Dichlorocthane 1.08E-11 1,13E-11 1,13E-12 1,13E-13 1,14E-11 1,14E-11		2.Dichloroethane		
1,2-Dichloropropane Dieldrin Hexachlorobenzene Hydrazine Lindane Methyl chloride Methylene chloride 4 Methylene chloride 4 Methylene chloride Chrysene Dibenzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Parathion Quinoline Tetrachloroethene Trichloroethene Vinyl chloride Vinyl chloride Vinyl chloride Cadmium Chromium (VI)	1,2-Dichloropropane 8.04E-19 Dieldrin Hexachlorobenzene 8.05E-18 Hydrazine 1.08E-11 Lindane 1.15E-19 Methyl chloride 1.56E-19 Methylene chloride 1.56E-19 Methylene chloride 1.56E-19 Methylene chloride 1.56E-19 Methylene chloride 2.09E-17 Methylene chloride 2.19E-17 Methylene chloride 2.19E-17 Methylene chloride 9.88E-15 Chrysene 1.03E-14 Parathion 8.88E-15 Parathion 9.88E-15 Parathion 9.88E-15 Introchloroethene 2.19E-15 Introchloroethene 2.19E-15 Introchloroethene 4.01E-19 Vapona 4.60E-19 Vapona 4.60E-19 Vapona 1.07E-15 INORGANICS 3.61E-13 Cadmium (VI) 1.07E-15 Introchloroethene 2.10E-13 Cadmium (VI) 1.07E-15 Introchloroethene 6.15E-18 INORGANICS 3.61E-13 INHALATION 2 EXPOSURE DURATION		1-Dich Openiale		
Dieldrin Hexachlorobenzene Hydrazine Lindane Methyl chloride 4-Methylphenol Monomethyl hydrazine n-Nitrosodimethylamine PAHS Benzo(a)pyrene Chrysene Chrysene Chrysene Dibenzo(a,h)anthracene Parathion Quinoline Tetrachloroethene Vapona Vinyl chloride Vapona Vinyl chloride Cadmium Chromium (VI)	Hexachlorobenzene Lindane Hydrazine Lindane Hethyl chloride Arethylphene chloride Arethylphene chloride Ansonidine Dibenzo(a)pyrene Dibenzo(a,h)anthracene Auinoline Total Lindane 1.08E-11 1.18E-19 1.08E-11 1.08E-11 1.08E-11 1.08E-11 1.08E-15 1.03E-14 1.03E-14 1.03E-15 1.05E-18 1.05E-18 1.07E-18 1.07E-15 1.07E-16 1.07E-17 1.07		2-Dich Company		
Hexachlorobenzene Hydrazine Lindane Lindane Methyl chloride 4-Methylene chloride 4-Methylene chloride Annomethyl hydrazine n.Nitrosodimethylamine PAHS Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Parathion Quinoline Tetrachloroethene Trichloroethene Vapona Vinyl chloride Cadmium Chromium (VI)	Hexaction between control of the con		z d drient or opinopane	- *	
Hydrazine Hydrazine Lindane Lindane Methyl chloride 4 Methylphenol Monomethyl hydrazine n.Nitrosodimethylamine PAHS Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Parathion Quinoline Tetrachloroethene Trichloroethene Vapona Vinyl chloride Locamium Chromium (VI)	Hydrazine Hydrazine Lindan Lindan Lindan Lindan Lindan Lindan Hydrazine Lindan Hydrazine Lindan Hydrazine Lindan Hydrazine Lindan Hethylchloride Hethylchloride Homomethyl hydrazine Lindan Homomethyl hydrazine Homomethyl hydrazine Lindan Hydrazine Linde-19 Hydrazine Linde-17 Hydrazine Linde-13 Homomethyl hydrazine Linde-13 Homomethyl hydrazine Lindan Homomethyl hydrazine Linde-13 Homomethyl hydrazine Linde-13 Homomethyl hydrazine Linde-14 Homium Hide-11 Linde-11 Lindan Linde-11 Linde-11 Lindan Hydrazine Linge-11 Lindan Hydrazine Line-19 Hydrazine		retarin	_ •	
Indane Methyl chloride Methyl chloride Methylene chloride 4-Methylphenol Monomethyl hydrazine n.Nitrosodimethylamine PAHS Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Dibenzo(a,h)anthracene Parathion Quinoline Ictrachloroethene Irichloroethene Trichloroethene Vapona Vinyl chloride INORGANICS Arsenic Cadmium Chromium (VI)	Methyl chloride Methyl chloride Methyl chloride Methyl chloride Methyl chloride Methyl chloride Monomethyl hydrazine N. Ni trosodimethylamine Monomethyl hydrazine N. Ni trosodimethylamine Monomethyl hydrazine N. Ni trosodimethylamine N. Ni trosod		exacnioropenzene	_ •	
Lindane Methyl chloride Methylene chloride 4 Methylene chloride 4 Methyleneol Monomethyl hydrazine n.Nitrosodimethylamine PANS Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Parathion Quinoline Tetrachloroethene Irichloroethene Vapona Vinyl chloride InoRGANICS Arsenic Cadmium Chromium (VI)	Methyl chloride Methyl chloride 4.Methyl chloride 4.Methyl phenol 4.Methylphenol 6.196-19 Methylphenol 6.196-17 Methylphenol 6.196-17 Methylphenol 6.196-17 Methylphenol 7.196-17 Methylphenol 8.196-13 Methylchenol 8.196-13 Methylchenol 8.196-13 Methylchenol 8.196-13 Methylchenol 8.196-13 Methylchenol 8.196-15 Methylchenol 8.196-13 Methylchenol 8.196-13 Methylchenol 8.196-13 Methylchenol 8.196-13 Methylchenol 8.196-13 Methylchenol 8.196-19 Methylchenol 8.196-13 Methylchenol 8.196-1		yarazıne		
Methyl chloride A-Methylene chloride 4-Methylphenol Monomethyl hydrazine Monomethyl hydrazine Monomethyl hydrazine Monomethyl hydrazine D-Nitrosodimethylamine PAHS Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Parathion Quinoline Tetrachloroethene Vapona Vinoline Trichloroethene Vapona Vinyl chloride Cadmium Chromium (VI) Total	Methyl chloride Wethyl chloride 4. Methylehene chloride 4. Methylehene chloride A methylehene chloride Monomethyl hydrazine Norse-17 4. Methylehene Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Dibenzo(a,h)anthracene Ouinoline Chrysene Dibenzo(a,h)anthracene Ouinoline Chromium INORGANICS S. Ale-19 Wobona Vinyl chloride Vinyl chloride Cadmium Cadmium Chromium (VI) Total INHALATION EXPOSURE DURATION		indane		
Methylene chloride 4-Methylphenol Monomethyl hydrazine n.Nitrosodimethylamine PAHS Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Parathion Quinoline Tetrachloroethene Trichloroethene Vapona Vinyl chloride Vapona Cadmium Chromium (VI)	Methylene chloride 4-Methylehenol Monomethyl hydrazine Nonomethyl hydrazine N-Nitrosodimethylamine PAHS Benzo(a)pyrene Dibenzo(a,h)anthracene Dibenzo(a,h)anthracene Dibenzo(a,h)anthracene Dibenzo(a,h)anthracene Dibenzo(a,h)anthracene Ouinoline Tetrachloroethene Trichloroethene Trichloroethene Vapona Vinyl chloride INORGANICS Arsenic Cadmium CALOMIUM C		ethyl chloride		
4-Methylphenol Monomethyl hydrazine n-Nitrosodimethylamine PAHS Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Parathion Quinoline Ietrachloroethene Irichloroethene Vapona Vinyl chloride INORGANICS Arsenic Cadmium Chromium (VI)	4.Methylphenol Monomethyl hydrazine A. Monomethyl hydrazine Chrysene Dibenzo(a,h)anthracene Dibenzo(a,h)anthracene Ouinoline Ouinoline Chromium A. Monomethyle A. Monomethy		ethylene chloride		
Monomethyl hydrazine n.Nitrosodimethylamine PAHS Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Parathion Quinoline Ictrachloroethene Irichloroethene Vapona Vinyl chloride INORGANICS Arsenic Cadmium Chromium (VI)	Monomethyl hydrazine n.Nitrosodimethylamine PAHS PAHS Benzo(a)pyrene		-Methylphenol	빌	
n-Nitrosodimethylamine PAHS Barzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Parathion Quinoline Tetrachloroethene Vapona Vinyl chloride INORGANICS Arsenic Cadmium Chromium (VI)	n-Nitrosodimethylamine 1.03E-14 PAHS Benzo(a)pyrene 9.88E-15 Chrysene 9.88E-15 Chrysene 9.88E-15 Chromium (VI) 1.03E-15 Total 1.03E-15 Total 1.03E-13 Total 1.03E-15		onomethyl hydrazine	.19E-1	
PAHS Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Parathion Quinoline Tetrachloroethene Trichloroethene Vapona Vinyl chloride INORGANICS Arsenic Cadmium Chromium (VI)	PAHS Benzo(a)pyrene 9.88E-15 Chrysene 9.88E-16 Dibenzo(a,h)anthracene 9.88E-16 Dibenzo(a,h)anthracene 9.88E-16 Dibenzo(a,h)anthracene 9.88E-16 Dibenzo(a,h)anthracene 9.88E-16 NE Calmion 1.13E-20 Trichloroethene 4.01E-19 Vapona 4.60E-19 Vinyl chloride 6.15E-18 INORGANICS 3.61E-13 Cadmium (VI) 1.03E-15 Total 1.14E-11 Total INHALATION 2		-Nitrosodimethylamine	.03E	
Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Parathion Quinoline Tetrachloroethene Trichloroethene Vapona Vinyl chloride INORGANICS Arsenic Cadmium Chromium (VI)	Benzo(a)pyrene 9.88E-15 Chrysene 9.88E-16 Dibenzo(a,h)anthracene 9.88E-16 Dibenzo(a,h)anthracene 9.88E-16 Day Santhon		AHS		
Chrysene Dibenzo(a,h)anthracene Parathion Quinoline Tetrachloroethene Trichloroethene Vapona Vinyl chloride INORGANICS Arsenic Cadmium (VI) Total	Chrysene 9.88E-16 Dibenzo(a,h)anthracene 9.88E-15 Parathion	32	Benzo(a)pyrene	9.88E-15	
Dibenzo(a,h)anthracene Parathion Quinoline Tetrachloroethene Trichloroethene Vapona Vinyl chloride INORGANICS Arsenic Cadmium Chromium (VI)	Dibenzo(a,h)anthracene 9.88E-15 Parathion Quinoline 2.19E-15 Ietrachloroethene 2.13E-20 Trichloroethene 4.01E-19 Vapona 4.60E-19 Vinyl chloride 6.15E-18 INORGANICS Arsenic 7.07E-15 Cadmium (VI) 1.07E-15 Inhalation 2 Exposure Duration 2	33	Chrysene	9.88E-16	
Parathion Quinoline Tetrachloroethene Trichloroethene Vapona Vinyl chloride Vinyl chloride Trichloroethene Cadmium Chromium (VI)	Parathion Quinoline Quinoline Tetrachloroethene Trichloroethene Vapona Vinyl chloride INORGANICS Arsenic Cadmium Chromium (VI) Total INHALATION EXPOSURE DURATION	34	Dibenzo(a,h)anthracene	9.88E-15	
Quinoline Tetrachloroethene Trichloroethene Vapona Vinyl chloride INORGANICS Arsenic Cadmium Chromium (VI)	Quinoline 2.19E-15 Tetrachloroethene 1.13E-20 Trichloroethene 4.01E-19 Vapona 4.60E-19 Vinyl chloride 6.15E-18 INORGANICS 3.61E-13 Cadmium (VI) 1.07E-15 Total 1.14E-11		arathion	W	
Tetrachloroethene Trichloroethene Vapona Vinyl chloride INORGANICS Arsenic Cadmium Chromium (VI)	Tetrachloroethene		uinoline	2,19E-15	
Trichloroethene Vapona Vinyl chloride INORGANICS Arsenic Cadmium Chromium (VI)	Trichloroethene 4.01E-19 Vapona Vinyl chloride 6.15E-18 INORGANICS Arsenic 1.07E-15 Cadmium (VI) 1.07E-15 Total 1.14E-11 EXPOSURE DURATION 2		etrachloroethene	1,13E-20	
Vapona Vinyl chloride INORGANICS Arsenic Cadmium (VI) Total	Vapona 4.60E-19 Vinyl chloride 6.15E-18 INORGANICS 3.61E-13 Cadmium (VI) 1.07E-15 Total 1.14E-11		richloroethene	4.01E-19	
Vinyl chloride INORGANICS Arsenic Cadmium Chromium (VI)	Nordanics		poone		
INORGANICS Arsenic Cadmium Chromium (VI)	INORGANICS Arsenic Cadmium Chromium (VI) Total INHALATION EXPOSURE DURATION		invi chloride	6.15E-18	
INORGANICS Arsenic Cadmium Chromium (VI) Total	INORGANICS Arsenic Cadmium Chromium (VI) Total INHALATION 2 S.61E-13 1.07E-15 1.08E-15 INHALATION 2				
Arsenic Cadmium Chromium (VI) Total	Arsenic 3.61e-13 Cadmium (VI) 1.07e-15 Chromium (VI) 1.03e-15 Total 1.14e-11 EXPOSURE DURATION 2		SULCE		
Chromium (VI)	Cadmium (VI) 1.07E-15 1.07E-15 1.07E-15 1.03E-15 1.03E-15 1.04E-11		0,000	2 415-13	
Chromium (VI)	Chromium (VI) 1.03E-15 Total 1.14E-11 INHALATION 2 EXPOSURE DURATION 2		Sellic	3 07E 13	
Coromium (VI) Total	Total 1.14E-11 1.14E-11 1.14E-11 1.14E-11 1.14E-11 2 EXPOSURE DURATION 2			1,0/1-10	
Total	Total 1.14E-11 INHALATION 2 EXPOSURE DURATION		romium (VI)	1.035-15	
Total	Total 1.14E-11 INHALATION 2 EXPOSURE DURATION				
	INHALATION EXPOSURE DURATION		otal	1.14E-11	
	INHALATION 2 EXPOSURE DURATION	2			
		6		INHALATION	
		0		EXPOSURE DURALION	

9.3 FARMER SCENARIO

9.3.1 Base Case Emissions Farmer Scenario

×	03	MAXIMUM CALCULATED CONC IN SOIL	.1M mg/Kg		NA	4.80E-09	7.45F-15	2.70E-10	1.67E-12	NA NA	5.98E-10	5.02E-11	1.51E-09 5.60E-13	N	3.31E-13	N N	1.55E-13	81F-1	1.92E-14	1.36E-11	.20E-11	N.	A A	1.38E-12	¥.	X X	1.37E-14	.62F-11	4.67E-08	.36E-15	. 88E - 14	Y.	W.	7.77	48E	.31E	.98E-11
7		AVERAGE M CALCULATED CAL CONC IN C	.1M mg/Kg		NA .	60	35E-15	10	.64E-12	NA .	89E-10	94E-11	5.5	NA	3.26E-13	NA NA	1.52E-13	NA 75F-13		1.34E-11	1.18E-11	NA	A A	12	AN A	NA N	1.35E-14		.08	-27E-15	. 65E - 14	NA	.29E-12	45F-08	45E-13	1.29E-09 1	5.89E-11 5
		ATED	.2M mg/Kg		NA C	2.40E-09	73E-	1.35E-10	.34E-	NA	2.99E-10		2.80F-13	¥	1.65E-13	NA	7.73E-14	1.90E-13	9.58E-15	-	6.00E-12		Z Z	6.91E-13	K Z	N AN	6.84E-15	1.81E-11	2.34E-08	3,18E-15	NA NA	NA	1.16E-12	7.37F-09	1.24E-13	6.57E-10 7.49E-12	2.99E-11
I	00	CALCULATED CONC IN SOIL	.2M mg/Kg		AN C	2.5/E-09	3.67E-15	1.33E-10	8.22E-13	NA NA	2.95E-10	2.97E-11	2.76E-13	NA	1.63E-13		7.62E-14	1.88E-13	9.44E-15	6.72E-12	5.91E-12	A.	A Z	6.81E-13	K Z	NA.	6.74E-15	1.78E-11	2.30E-08	3.13E-15	7.20E-13	NA	1.14E-12	7.266-09	1.22E-13	6.47E-10 7.39E-12	2.95E-11
G	0	2	9/M2/yr		N Y	5.70E-11	8.94E-17	3.24E-12	2.00E-14	NA NA	7.17E-12	7.22E-13	6.725-15	NA	3.96E-15	×	1.85E-15	SZE.	.30E	1.64E-13	1-446-13	A.	A A	1.66E-14	A A	NA	1.64E-16	.34E-1	5.61E-10	.63E-1	NA N	AN	.78E-1	77E-1	.98E-1	1.58E-11 1.80E-13	7.17E-13
LL,	۵	Z	g/M2/yr		¥.	3.42E-10	315	1.92E-11	. 19E	N N	.26E-1		3.99E-1		2.36E-14	•	1.10E-14	.71E-1	1.36E-15		8.55E-13	NA.	Z Z	9.84E-14	K X	NA	9.75E-16		3.33E-09			NA	1.65E-13	1.05E-09	1.77E-14	9.36E-11 1.07E-12	4.26E-12
ш	AC	AVG. ANN. AMBIENT CONC.	ng/M3		1.54E-11	7.59E-08	2.16E-14	7.82E-10	4.83E-12	4.48E-12	1.73E-09	1.74t-10 2 04t-00	1.62E-12	1.74E-09	9.58E-13	2.27E-11	4.48E-13	1.08E-12	5.55E-14	3.95E-11	3.48E-11	4-48E-12	1.28E-11	4.00E-12	6.86E-12 5.03E-12	2.54E-12	3.96E-14	1.05E-10	1.35E-07	1.84E-14	5.32E-12	3.21E-10	6.72E-12	4.27E-08	7.20E-13	3.81E-09 4.34E-11	1.73E-10
D TABLE 1-A	æ	EMISSION RATE	a/sec		1.26E-10	1.145-07	1.77E-13	6.41E-09	3.96E-11	3.67E-11	1.42E-08	1,43E-09	1.33E-11	1,43E-08	7.85E-12 6.41E-11	1.86E-10	3.67E-12	8.82E-12 9.04E-12	4.55E-13	3.24E-10	2.85E-10	3.67E-11	1.05E-10	3.28E-11	5.62E-11	2.08E-11	3.25E-13	8.59E-10	1.11E-06	1.51E-13	4-36E-11	2.63E-09	5.51E-11	3.50E-07	5.90E-12	3.12E-08 3.56E-10	1.42E-09
ب ن		20-Jun-91 13:33:03	FARM												/l)phthalate	oride		پ	ınyl			s (total)	ane	ane	ene	pane	d.	ne			-3	ide	tone	azine		carbonitrile methylamine	er.
•	BASE CASE			ORGANICS	Acetone	Acrylonitrile	Aldrin	Aniline	Atrazine Renzaldehyde	Benzene	Benzofuran	Benzonitrile	Benzothiazole	Biphenyl	Bis(Z-ethylhexyl)phthalate Carbazole	Carbon Tetrachloride	4-Chloroaniline	4-Chlorobiphenyl	4,4-Chlorobiphenyl	Chloroethane	Dibenzofuran	Dichlorobenzenes (total)	1,1-Dichloroethane	1,2-Dichloroeth	1,1-Dichloroethene	1,2-Dichloropropane	Dieldrin Dimethyldisulfide	Hexachlorobenzene	Hydrazine	Lindane	Methyl chloride	Methylene chloride	Methyl ethyl ketone 4-Methylphenol	Monomethyl hydrazine	Naphthalene	thalene trosodin	PAHS Acenaphthalene
20			۰5;	ORG/																									-	Ī	_	_	_ ~		_		-

2	1.20E-1	2	1.20E-1	_	7	2.37E-10 2.40E-10	7		_!	5		33F-11		145-16		NA	3.61E-12 3.67E-12	AN	u	1 145-14 1 175-14		42		NA NA		, , , ,	1.36E-Uy 1.36E-US	.03E-12		NA NA			.85E-11	ıń	NA		AN AN							٥	= 00	SD*BD		AC = ER * DFI
	6.00E-12	6.00E-11	6.00E-11	6.00E-12	2.34E-14	1.20E-10	1-49F-14	7 275 13		1.18E-13	NA	76F	Z 42E-12	370	AX	AN	1.83E-12	AN	2 91E-08	5 875.14		Z.	AN	NA		7 025 40	01.376.	4.395-12	AN	NA	AN	Y2	2.97E-11	2.97E-11	NA	NA	Y Y		N TIME AT	IXING	DENSITY			į		DF	L	
=	5.91E-12	5.91E-11	5.91E-11	5.91E-12	2.30E-14	1.18E-10	1.47F-14	7 34E 13	21 - 202 - 12	1.16E-15	AN	6.66F-12	Z 575-12	21.310.0	A	AN	1.81E-12	N.	2 RKF-NR	5 70E-14		¥ :	A.	AN		7 905 40	01-200-1	4.32E-12	Y.	NA	A	NA	2.93E-11	2.93E-11	AZ	AN	¥		rs ACCUMULATION TIME	IL DEPTH	Kg/MS SOIL BULK	mg/g sec/vr	14 (22)		LATION			H
,	1.44E-13	1-44E-12	1.44E-12	1.44E-13	5.61E-16	2.88E-12	3.57E-16	1 775-12	2 27 17 0	Z.83E-15	¥	62F-1	8 40E-1/	27.	¥		4.40E-14	N.	6 97F-10	1 415-15	- VI	Z:	E	Z.		1 00E-11	405 47	100.10	Y.	Z Z	X.	NA AN	7.12E-13	7.12E-13	AN	MM	NA	,	2 Y			7 15F+07 S		Dilution Factor	1.22E-01 INHALATION	Deposition Factor	5.05E-04 DRY	.UUE-US
74	8.55E-13	8.554-12	8.55E-12	8.55E-13	3.33E-15	1.71E-11	2.12E-15	1 055.12	21 -300-1	ė	NA	45A	5 146-13	2	AN	¥	2.61E-13	AN	47 L	8 37F-15	1	¥ :	Z.	A.		4 475-40	1.13E-20	0.246.13	¥:	A.	AN.	NA NA	.23E-1	4.23E-12	AN	AN	Ä							0		Q		
,	3.48E-11	5.48E-10	5.48E-10	3.48E-11	1.35E-13	6.95E-10	8.61E-14	1, 275.11	1 2/2-1	6.85E-15	3.81E-09	3 92F-11	2 105-11	1 1 2 1 2 1	(.55E-15	1.17E-11	1.06E-11	7.82E-12	1 68F-07	3 40F-13	7 0ZE-12	4.035-12	4.48E-12	8.34E-13		V EOF 00	7 772 07	7 40E-11	1.185-10	4.15E-12	1.74E-10	4.23E-06	1.72E-10	1.72E-10	5.21E-10	2 38F-12	1.37E-09											
TABLE 1-A	2.85E-10	2.85E-09	2.85E-09	2.85E-10	1.11E-12	5.70E-09	7.06E-13	Z E05-10	2,206-10	5.6UE-12	3.12E-08	3.21F-10	1 725.10	1.725-10	6.UTE-12	9.58E-11	8,71E-11	6-41E-11	1 38F-06	2 70F-12	2 0/1-11	3.705-11	3.0/E-11	6.84E-12		2 745.00	2.705.00	0 //1 00	9.66E-10	3.40E-11	1.43E-09	3.47E-05	1.41E-09	1.41E-09	4.27F-09	1 05F-11	1, 12E-08											
,	Chrysene	Dibenzo(a,n)anthracene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Parathion	Dontach onchon	בן ונפכוונסו סספווקפוופ	Phenot	Pyridine	Quinoline	Tetrachlorobonzone		etrachloroethene	Toluene	Trichlorobenzene	Trichloroethene	linsym dimethyl hydrazine	Vancona	Vinil contact	villy, acetate	viny: chioride	Xylenes (total)	SOLINGOROM	STANT CO	Al sellic			Chromium (VI)	Copper	Iron	Lead	Mercury	Selenium	Silver	Zinc											

BASE	SE CASE	TABLE 7-8 CATTLE FEED D	z 0	CO	MAXIMIM	
	20-Jun-91 13:33:03 FARM	TOTAL DEPOSITION RATE 9/M2/yr	DRY DEPOSITION RATE 9/M2/yr	CALCULATED CONC IN SOIL .2M mg/Kg	CALCULATED CONC IN SOIL . 2M mg/Kg	CALCULATED CONC IN SOIL .1M mg/Kg
ORGANICS	NICS	5		Š	\$	
ق دِ	stonitrile	3.42E-10	5.7	2.37E-09	2.40E-09	4
5.	Acrylonitrile	NA.		NA	NA	NA.
2 2	7.17	5.31E-16		3.67E-15	3.73E-15	~ (
1	tine azine	1-19E-13	2.00E-14	8.22E-13	8.34F-13	vi e-
en en	Benzaldehyde	8.76E-12		6.06E-11	15E	1.21E-10
en en	zene	N.	NA	NA	NA NA	
ë.	zofuran	4.26E-11		2.95E-10	2.99E-10	ių i
, d	zonitrile	0 36F-11		2.9/E-11		ų.
ē	Benzothiazole	3.99E-14	6.72E-15	2.76E-13	2.80E-13	5.52E-13
÷	Biphenyl	NA		NA	¥	
SIS	(2-ethylhexyl)phthalate	2.36E-14	3.96E-15	1.63E-13	1.65E-13	3.26E-13
מ מ	bazote bon Tetrachloride	NA NA	3.24E-14	1.33E-12	. 35E-1	N.
0	hloroaniline	1.10E-14	1.85E-15	7.62E-14	7.73E-14	1.52E-13
달.	orobenzene	NA	NA	NA	NA	
<u>ب</u> د	Chlorobiphenyl	2.71E-14	•••	1.88E-13	1.90E-13	3.75E-
- =	Chloroethane	9.72E-13		6.72E-12	6-82F-12	1 34F-14
F	oroform	NA		NA	AN	
멸.	Dibenzofuran	8.55E-13	1.44E-13	5.91E-12	6.00E-12	1.18E-11
2	chlorobenzenes (total)	NA.	Z.	Z.	A :	
•	1,4-Dichlorobenzene	X:	Y.	Y.	XX:	
- 0	1.1-Dichloroethane	NA 0 8/E-1/	1 44E-12	A 015-12	NA 015 47	
4-	-Dichlorothene	NA NA		0.01E-13	0.91E-13	1.305-12
- 0	-Dichloroethene	42	42	V V	¥ 2 2	
14	-Dichloropropane	N.	NA	NA N	AN	
e	ldrin	9.75E-16	1.64E-16	6.74E-15	6.84E-15	1.35F-14
Ē	ethyldisul fide	NA	NA	NA	NA N	
ex	Hexachiorobenzene	2.58E-12	4.34E-13	1.78E-11	1.81E-11	3.57E-11
B	razine	3.33E-09	5.61E-10	2.30E-08	2.34E-08	4.61E-08
2	Lindane	4.53E-16	7.63E-17	3.13E-15	3.18E-15	9
al	Malathion	1.34E-15	2.25E-16	9.26E-15	9.39E-15	-
Met	lethyl chloride	NA	NA	NA NA	N.	
Met	O	NA.	XX	N	N N	
Met	ethyl ethyl ketone	1.65E-13	2.78E-14	1.14E-12	1.16E-12	2
Ξ		1.50E-13	2.53E-14	1.04E-12	1.05E-12	1
ē	Monomethyl hydrazine	1.05E-09	1.77E-10	7.26E-09	7.37E-09	1.
ap	nthalene	1.77E-14	2.98E-15	1.22E-13	1-24E-13	2.1
ab	Naphthalene carbonitrile	9.36E-11	1.58E-11	6.47E-10	6.57E-10	-
2	odin	1.07E-12	1.80E-13	7.39E-12	7.49E-12	1.48E-11
Ę	Account the Con	C 24E-13	7 475-42	2 OFF. 44	2 000 c	L
	Acenaphthene	4. 26F-12	7.17F-13	2.95F-11	2 005-11	5 80E-11
	2.					

œ	1.20F-11	1.205-10	1.20E-10	1 20E-11	/, 47E-1/	2 705-10	2 07F 10	4 .7L .14	1.4/E-11	2.36E-13	NA	1.35E-11	7.24E-12	NA	AN	3 67F-12	NA NA	5.815.08	1.17E-13	NA N	NA.	4			1.58E-09	9.18E-12	NA	NA	NA.	AN	5.94E-11	5.94E-11	N.	NA	NA									D*AT*1000	SD*BD		ER * X DF
o	1.18F-11	1.18F-10	1.18F-10	1 18E-11	4 61E-14	2 375-10	2 OZE 17	4 124 14	1.455-11	2.32E-13	AN	1.33E-11	7.14E-12	NA	AN	3 61F-12	NA	5.73F-08		NA	AN	AN			1.56E-09	9.05E-12	NA	NA	NA	AN	5.85E-11	5.85E-11	NA	NA	AN									5			11 0
۵	6.00E-12	6.00E-11	6.00F-11	6.00F-12	2 34F-14	1 205-10	1 705-17	7 275 4	7.3/2.12	1.18E-15	NA A	6.76E-12	3.62E-12	AN	A	1_83F-12	NA.	2.91E-08	5.87E-14	AN	4	X X			7.92E-10	4.59E-12	AN	AN	NA	¥.	2.97E-11	2.97E-11	NA	NA	AN					SUIL BULK DENSITY BD							
0	5.91E-12	5.91E-11	5.91E-11	5.91F-12	2.30F-14	1.18F-10	1 47E-14	7 2/6-12	71.202.1	1.105-13	NA NA	6.66E-12	3.57E-12	NA	NA	1.81E-12	NA	2.86E-08	5.79E-14	NA	AX	A.			7.80E-10	4.52E-12	AN	NA	NA	NA	2.93E-11	2.93E-11	NA	NA A	NA		YPS ACCUMULATION TIME	SOIL DEPTH OF MIXING			sec/vr			IAI ATTON DET			//WET TDF
Z	1.44E-13	1.44E-12	1.44E-12	1.44E-13	5.61E-16	2.88F-12	3.57F-16	1 775-12	2 025.15	Z.03E" ID	NA.	1.62E-13	8.69E-14	NA	AN	4.40E-14	AN	6.97E-10	1.41E-15	N.	N.	N			1.90E-11	1.10E-13	NA NA	NA	NA NA	NA.	7.12E-13	<u>.</u>	¥2	٧	Ϋ́Α			2 C	M 1.25±02 1	1 00F+03 Mg/M	3.15E+07 sec		1	Dilution Factor 1.22E-01 INHALATION	Deposition Factor	5.05E-04 DRY	3.00E-03 DRY
M TABLE 1-8	8.55E-13	8.55E-12	8.55E-12	8.55E-13	3.33E-15	1.71E-11	2, 12F-15	1 NSE-12	1 685-16	+1 - 900 · 1	A N	9.63E-13	5.16E-13	NA	NA	2.61E-13	NA	4.14E-09	8.37E-15	NA	NA	NA			1.13E-10	6.54E-13	Y.	Y.	NA	AN.	4.23E-12	4.23E-12	NA N	Z.	NA.									5	pet		
ပ	hrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Parathion	Pentachiorobenzene		7.5	dine.	quinotine	Tetrachlorobenzene	Tetrachloroethene	ene	Trichlorobenzene	Trichloroethene	Unsym. dimethyl hydrazine	na		ਹ			SU	nic		(111) white	Ę	95			July .	mntr														
8			ī	正	à.	9																		INOR											Zinc												
4 N	61	62	63	\$	65	8	29	68	90	200	2;	٦į	2	73	7,	比	92	77	78	62	8	81	82	83	8 c	3	9 8	8	8 8	3 62	8	2	21	33	3 6	82	26	8 8	18	101	102	103	200	100	107	300	2

BASE CASE		ADULT TOTAL E	EXPOSURE - AVE	AVERAGE					
	18-Jun-91 15:15:32 FARM	INHALATION EXPOSURE (mg/Kg/day)	VEGETABLE EXPOSURE (mg/Kg/day)	MILK EXPOSURE (mg/Kg/day)	BEEF EXPOSURE (mg/Kg/day)	SOIL/DUST EXPOSURE (mg/Kg/day)	FISH CONSUMPTION (mg/Kg/day)	DERMAL EXPOSURE (mg/Kg/day)	TOTAL (mg/Kg/day)
OBGANICS									
Acetone		4.39E-15		NA	N N	NA	NA	NA AN	4.39E
Acetonitrile		3.97E-12	6.1	4.74E-17	1.86E-17	6.76E-15	7.76E-21	1.22E-14	6.54E-
Acrylonitrile		1.69E-12		NA	NA	NA	NA	NA	1.69E-
Aldrin		6.17E-18	3.41E-17	9.56E-19	-44E-	1.05E-20	2.81E-27	1.89E-	4.14E-
Anitine		1 285-15		8-85E-18	-4/E-	3.80E-16	2.33E-19	6.85E-	4.17E
Benzaldehvde		1.02F-13		7.07E-18	2 77E-18	1 775-16	0.00E+00	4.255-18	Z-10E
Benzene		1.28E-15		NA S	Z Z	NA IN	NA NA	J. ICE	1285
Benzofuran		4.95E-13	2.5	1.10E-16	N	8.42E-16		1.52E-15	7.53E
Senzoic Acid		4.98E-14	-	5.06E-18	1.98E-18	8.48E-17		1.53E-16	6.73E
Benzonitrile		1.09E-12	4	8.17E-17	3.20E-17	1.85E-15	2.99E-19	3.34E-15	1.57E
Benzothiazole		4.64E-16	1.4	5.39E-20	2.11E-20	7.89E-19		1.42E-18	6.12E
Biphenyt	. 4.6 1 . 4 .	4.98E-13	X L	AN O		NA	NA	NA	4.98E
Bis(2-ethylnexyl)phthalate	nthalate	2 225 15	- 1	8.03E-16	9.59E-17		3.25E-24	8.39E-19	2.32E
Carbon Tetrachlorida	do.	6 48E-15	מלי"	V. 12E - IV		.8UE-1	5.31E-21	6.85E-18	3.02E
4-Chloroaniline	D 3	1.28F-16	3.54F-17	1.25F-20	A 89F-21	7 18E-10	NA 0 755-22	Z 02E-10	0.48E
Chlorobenzene		3.07E-16		NA ES	N A		NA NA	J.YEE-IY	3 07F
4-Chlorobiphenyl		3.15E-16	5.28E-17	7.30E-19	4	5.36E-19	3.39E-22	9.66E-19	3.70E
4,4-Chlorobiphenyl		1.59E-17		9.01E-20	2.63E-20	2.70E-20	5.71E-24		1.81E
Chloroethane		7.13E-14		7.95E-19	3.10E-19	1.92E-17		3.46E-17	1.69E
Dibenzofuran		0 07F-15	2 30F-15	0 556-18	7 55E-18	1 40E-17	2 10E-20	Z OFF- 17	0.0 lE
Dichlorobenzenes (total)	total)	1.28E-15				N A	N A	NA	1.28F-1
1,4-Dichlorobenzene	zene	8.08E-17		NA	N.	NA	AN	NA	8.08E-
1,1-Dichloroethane		3.66E-15	NA		¥		¥		3.66E-
1,2-Dichloroethane		1.14E-15	3.1	7.95E-20	3.11E-20	1.94E-18	5.73E-23	3.51E-18	4.91E
1 2-Dichloroethere		1,405-15	ď.	42	Z:	Y.	A :	NA:	1.96E-
1.2-Dichloropropane	a	7.25E-16	Z Z	Y V	¥ 2	Y S	Z Z	ZZ	1.69E-1
Dieldrin	,	1.13E-17	4.21E-16	1.71E-19	4.03E-20	1-93F-20	1_08F-24	3.47F-20	-32E-7
Dimethyldisulfide		3.11E-15	NA	NA		NA	NA	¥	3.11E
Hexachlorobenzene		2.99E-14	1.04E-14	1.45E-16	4.39E-17	5.09E-17	4.30E-19	9.18E-17	4.07E-
Hydrazine		3.87E-11	1.43E-08	3.26E-17	1.28E-17	6.58E-14	3.52E-20	1_19E-13	1.43E-08
Lindane		5.26E-18	2.19E-18	2.18E-21	8.38E-22	8.95E-21	4.73E-26	1.61E-20	7.48E-
Malathion		1.55E-17	2.24E-18	4.28E-21	1.66E-21	2.64E-20	0.00E+00	4.77E-20	1.79E-
Methyl chloride		1.5ZE-15	Z Z	¥.	Y.	Y.	N	N	1.52E-
metnylene chloride		7.1/E-14	AN V	AN C	AN A		AA .	NA I	9.17E-1
Metnyl etnyl Ketone 4-Methylphenol	•	1 7/6-15	2 485-14	1 80E-20	7.0E-20	3.27E-18	0.00E+00	5.89E-18	.68E
Monomethy! hydrazine	٩		1 60F-00	1 03E-17	4 03E-18		1 125-20	2 7/E-14	4. ISE-1
Naphthalene	2	2.06E-16	1.05E-16	8.95F-20	3. 44F-20	3 50E-19	1 485-10	5 21E-10	7 125-1
Naphthalene carbonitrile	trile	1.09E-12	5.58F-13	4. 73F-16	1 82F-16	1 85E-15	7 7.2E-18	2 2/E-15	1 455
rosodin	nine	-	3.66E-12	1.07E-19	4.18E-20	2.11E-17	0.005+00	3.81E-17	3.67E-
PAHS		/ OFF- 1/	2 025. 17	7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	10	100	110		•
Acenaphthalene		4.755-14	4. YOE - 14	4.516-1/	1-68E-1/	8.42E-17	1.05E-19	1.52E-16	7.94E-14
Aconorbthono		/ OSE 1/	1 245-1/	Z OCE 17	LEL	77 101 0	00 110	A TOT A	1100

1	TABLE 2							
Chrysene Dibenzo(a,h)anthracene	9.93E-15 cene 9.93E-14	1.54E-15 3.38E-15	7.71E-17 2.56E-15	2.11E-17 5.34E-16	1.69E-17	3.55E-19 7.95E-17	3.05E-17 3.05E-16	1.16E-14 1.06E-13
Fluoranthene		2.94E-14	3.44E-16	1.10E-16	1.69E-16	NA	3.05E-16	1.30E-1
Fluorene	9.93E-15	3.50E-15	1.26E-17		1.69E-17	2.92E-20	3.05E-17	1.35E-1
Phenanthrene	3.87E-17	9.94E-18	6.09E-20		6.58E-20	1.01E-19	1.19E-19	4.90E-1
Pyrene	1.99E-13	5.48E-14	6.53E-16		3.38E-16	1.60E-18	6.09E-16	2.55E-1
Parathion	2.46E-17	6.55E-18	1.71E-20	.47E-	4.19E-20	3.17E-25	7.55E-20	3.13E-1
Pentachlorobenzene	1.22E-14	8.20E-15	3.53E-17		2.08E-17	AN	3.74E-17	2.05E-1
	1.95E-16	6.37E-16	1.33E-20	5.21E-21	3.32E-19	NA	5.99E-19	8.33E-
Pyridine	1.09E-12	NA	NA	AN	NA	AN	AN	1.09E-
Quinot ine	1.12E-14	1.06E-14	1.33E-18	5-19E-19	1.90E-17	6.35E-21	3.43E-17	2.18E-
Tetrachlorobenzene	6.00E-15	9.37E-15	7.55E-18		.02E-	X Y	1.84E-17	1.54E-
Tetrachloroethene	2.09E-16	AN	NA	Ž	NA.	A.	N.	2.09E-
Toluene	3.34E-15	AN	NA	AN	A.	AN	AN	3.34E-
Trichlorobenzene	3.04E-15	4.40E-16	2.52E-18	9-44E-19	5.16E-18	9-59E-21	9.31E-18	3.49E-
Trichloroethene	2,23E-15	NA			¥	N		2.23E-
Unsym. dimethyl hydrazine		8.55E-09		3.01E-17	88	39E-	48E	8.60E-
			6.25E-21	2.45E-21	1_65E-19	2,12F-25	2.98F-19	1.47E-
Vinvl acetate	1.38E-15	AX		AN	2	MA	AN	1 38F-
Vinyl chloride	1.28E-15	AN	Z	AN	NA.	AN	NA	1.28E-
Xylenes (total)	2.38E-16	A N	NA	NA	NA	NA	NA	2.38E-
Arsenic	1.31E-12	2.47E-15	4.04E-14	5.30E-16	2.23E-15	4.36E-15	4.02E-16	1.36E-
	7.60E-15	1.30E-16	8.35E-17	3.65E-18	1.29E-17	NA.	2.33E-18	7.83E-15
	3.5/E-14	¥:	Y.	Y Y	A.	Y.	NA	3.37E-
Chromium (VI)	1. 19E-15	X :	Y.	A A	NA NA	ž	NA A	1.19E-
	4.98E-14	A A	AN	X X	¥	5.29E-16	NA	5.04E-
	1.21E-09	A'N	NA NA	X A	NA	N	NA	1.21E-
	4.91E-14	NA	AN	AN	NA	Ā	NA	4.91E-
	4.916-14	1.14E-15	2.13E-16	1.60E-14	8.36E-17	NA	1.51E-17	-999.9
Selenium	1.49E-13	NA	NA	AN	NA	Ā	AN AN	1.49E-1
	6.80E-16	NA AN	NA NA	AN	NA	AN	NA	-308-9
	3.90E-13	AN AN	AN	NA	NA	2.03E-15	NA	3.92E-
	d .	20 M	M3/day		D*AT*1000			
	MO		~					
	e f		days/yr		SD*BD			
	ct		(1000 ug/mg)*(365 day/yr)		;			
	to to the total	2-7-1-19 2-4-14-14-1-00 - 0	f dans (- f		AC = ER * DFI			

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4°	8	3	AD TABLE Z	AE	AF	AG	АН	AI	ΡΥ	AK
1.4		Chrysene	2	A OFT 45	TO TO #	10 1/1 0	747 47	7 557 40	7 000 4	***
6		Dibonio handhio	7.735-13	C1 -3C4-1	1.196-15	-40E-10	1.7 E-17	5.555-19	2.095-17	1.555-14
75		o i pelizo(a, ii) antili acene	9.93E-14	7.50E-15	5.94E-14	6.91E-15	1.71E-16	7.95E-17	3.09E-16	1.74E-13
60		rluoranthene	9.93E-14	3.37E-14	3.33E-15	4.46E-16	1.71E-16	ž	3.09E-16	1.37E-13
0		Fluorene	9.93E-15	3.94E-15	5.59E-17	9.50E-18	1.71E-17	2.92E-20	3.09E-17	1.40E-14
65		Phenanthrene	3.87E-17	1.16E-17	3.22E-19	5.12E-20	6.68E-20	1_01E-19	1.20E-19	5.10E-17
99		Pyrene	1.99E-13	6.35E-14	6.10E-15	8.24E-16	3.43E-16	1.60E-18	6.18E-16	2.70F-13
29		Parathion	2.46E-17	7.62E-18	4.61E-20	9.78E-21	4.25E-20	3.17E-25	7.66E-20	3-24E-17
68		Pentachlorobenzene	1.22E-14	8.80E-15	3.01E-16	4-16E-17	2.11F-17	AN	3.80F-17	2, 14F-14
69		Phenol	1.95E-16	6.54E-16	1.45E-20	5-40F-21	3.37F-19	A	6-07F-19	8 50F-16
2		Pyridine	1.09E-12	AN	NA.	NA	NA NA	NA.	NA	1 DOF-12
7		Quinotine	1, 12E-14	1,12F-14	56	5 50E-10	1 03E-17	K 35E-21	7 LAE-17	2 2/5-1/
22		Tetrachlorobenzene	6.00E-15	21-17-0	3 31F-17	5 665-18	1 03E-17	42	1 87E-17	1 585-16
2		Tetrachloroethene	2.09E-16	NA	2	NA	NA	V.	4	2 NOF-14
74		Toluene	3.34F-15	2	NA	NA.	V.	NA	MA	2 3/E-15
3		Trichlorobenzene	3.04F-15	5 67F-16	α	1 5/15-18	5 2/E-18	- 10	~	2 4ZE-15
92		Trichloroethene	2.23F-15		4	NA NA	NA	NA	100	2 225-15
11		Unsym_ dimethy! hydrazina	A 81E-11	8 485-00	-	- 0	202	N	4 505-12	0 775
78		Vancana	0 725-17	F 20F 17		3.035	4 197 14	4.3%5.40	2 22 7 7 7	4 525 47
9 6		State of the state	7.135-17	2.30E-17		375	200	_	3.U3E-19	1.52E-10
20		Vinyl acetate	1.58E-15	Y.	A.	NA NA	Y Y	¥.	AN	1.38E-15
200		Vinyl chloride	1.28E-15	¥	AZ.	Z.	AN	AN	AN	1.28E-15
20 6		Xylenes (total)	2.38E-16	AN	NA A	AN	NA	NA A	NA	2.38E-16
8										
6		INORGANICS								
t d		Arsenic	1.31E-12	5.45E-14	2.16E-13	2.65E-15	2.26E-15	4.36E-15	4.08E-16	1.59E-12
S C			7.60E-15	4.33E-16	2.54E-16	7.08E-18	1.31E-17	NA	2.36E-18	8.31E-15
S			3.37E-14	NA A	NA	NA	NA	NA	NA	3.37E-14
87		Chromium (VI)	1.19E-15	NA	NA	NA	NA NA	AN	AN	1.19E-15
88		Copper	4.98E-14	NA	NA	AN	NA A	5.29E-16	AN	5.04E-14
6		Iron	1.21E-09	NA A	NA	NA	AN	NA A	AN	1.21E-09
3		Lead	4.91E-14	NA	AN	AN	AN	NA	NA	4.91E-14
2		Mercury	4.91E-14	3.10E-15	7.08E-16	2.61E-14	8.48E-17	AN	1.53E-17	7.92E-14
25		Selenium	1.49E-13	NA	NA	NA	NA AN	AN	NA	1.49E-13
93		Silver	6.80E-16	NA	NA	NA	NA.	AN	NA.	6.80E-16
25		Zinc	3.90E-13	AN	AN	NA NA	NA NA	2.03E-15	NA	.92E-
\$ %										
26										
88			ď		M3/dav					
8			MQ							
100			ef	365 da	y/yr					
			cf		(1000 ug/mg)*(365 day/yr)	65 day/yr)				
100			1 1 1 1							
3			innatation dose	= Calr*br*et/DW/ct	/DW/ct					

18-Lun-91 PEPOSISIE PANCING	BASE CASE	CHILD TOTAL	EXPOSURE - AVERAGE	RAGE					
Controlle	<u>87</u> -		VEGETABLE EXPOSURE (mg/Kg/day)	MILK EXPOSURE (mg/Kg/day)	BEEF EXPOSURE (mg/Kg/day)	SOIL/DUST EXPOSURE (mg/Kg/day)	FISH CONSUMPTION (mg/Kg/day)	DERMAL EXPOSURE (mg/Kg/day)	TOTAL (mg/Kg/day)
A	NICS						18		8
1.00 1.00	Acetone Acetonitrile	9.92E-15		Y Y	NA V	¥ ;	NA Z	AN	9.92E-1
Table 11	Acrylonitrile	3.82E-12		NA L	NA NA	N N	NA NA	Z.USE-14	4 1E-
trine 5.05F-13 4.11E-17 3.06F-19 2.12E-17 0.00E-10 7.22E-19 7.00E-10 7.00E-10 7.22E-19 7.00E-10 7.00E-10 7.22E-19 7.00E-10 7.00E-	Aldrin	1.39E-17	1	.52E-	3.59E-19	9.48E-20	6.34E-27	73F-	3.0cm
State of the control of the	Aniline	5.05E-13	7	. 11E.	8.65E-18	3.43E-15	5.27E-19	1.17E-15	9.20E-
taidehyde 2.30E-13 1.02E-13 4.08E-17 6.91E-18 1.05E-19 5.33E-16 1.05E-19 6.07E-10 1.25E-19 5.33E-16 1.05E-19 6.00E-10 1.25E-19 6.00E-10 1.	Atrazine	3.12E-15	1.52E-	.78E-1	3.00E-19	2.12E-17	0.00E+00	7.22E-18	4.67E-
control (1.26-17) 5.06-18 6.346-18 (1.06-16 7.66-16 1.25-18 2.596-15 (1.06-16 1.35-18	Benzaldehyde	2.30E-13	1.02E-	.08E-1	6.91E-18	1.56E-15	5.67E-20	5.33E-16	3.34E-
contracted 1.155-13 5.07E-14 2.29E-17 1.00E-10 7.00E-10 2.50E-17 2	benzene	2.89E-15	٠		AN	N.	¥ i	NA	2.89E-
confirmed to the confir	Benzola ani	1 125 43	n r		1.06E-16	-00E	S	2-59E-15	1.68E-
Cetty/hexyt)phthalate 6.16E-16 3.15E-16 4.26E-17 1.12E-18 5.67E-17 1.26E-17 1.12E-18 5.67E-17 1.12E-18 1.12E-17 1.12E-18	Benzonitrilo	3 / 45 43	,, «		4.935-18	8	, k	2.61E-16	1.50E-
Conception	Benzothjazole	1 NSE-15	- _F		7.98E-17	125	74E-	2 4ZE-19	3.50E-
2-ethylhexyl)phthalate 6.18E-16 2.47E-15 4.64E-15 2.39E-16 4.20E-18 7.34E-24 1.43E-18 azote northered to continue continue 5.05E-15 1.66E-15 5.28E-18 8.79E-19 3.45E-17 7.46E-21 1.17E-17 and northered to continue 5.94E-16 7.21E-20 1.22E-20 1.97E-18 2.13E-21 6.65E-19 1.05E-19 1.05E-1	Biphenyl		1		NA NA	NA.	NA NA	Z.43E-10	1.3/6-
actole control of the	Bis(2-ethylhexyl)phth		2.475		30	20.	37E	1 435-18	7 075.
Name	Carbazole		1.66		2	43E-	46F	1.17F-17	6 76E-
Control Cont	Carbon Tetrachloride	1.46E-14	N		AN	¥	×	X	1-46E-
Control Cont	4-Chloroaniline	2.89E-16	7.55E-		1.22E-20	-97E-	.13E-	6.69E-19	3.67E-
Control pheny Control phen	Chlorobenzene	6.946-16			NA	NA	N		6.94E-
Total parameter of the control parameter of th	4-Chlorobiphenyl	7.12E-16			6.21E-19	4.84E-18	-66E	1.65E-18	8.36E-
Controlled	4,4-cilloropiphenyl	3.58E-1/	3.4		6.57E-20	2.44E-19	- 29E-	8.30E-20	4.11E-
Conference (total) 2.36E-14 4.94E-15 5.51E-17 8.85E-18 1.53E-16 4.94E-20 5.20E-17 Confederation	Chloroform	1 246-17	-		/ . /4E - 19	1.74E-10	.32E	5.91E-17	3.75E-1
Compense (total) 2.89E-15	Oibenzofuran	2.246-14	1-3%E-1			1 535-16		20E	2 7ke-
4-Dichlorobenzene 1.83E-16 NA	Dichlorobenzenes (tota	i N	NA			NA		N N	2.80F-1
Dichloroethane S.26E-15	1,4-Dichlorobenzen			NA.	A Z	A	NA	NA.	1.83E-1
Dichloroethane 2.58E-15 8.09E-15 4.59E-19 7.76E-20 1.76E-17 1.29E-22 5.98E-18 NA	1,1-Dichloroethane	æ	¥.	Ž	¥	¥		N	8.26E-1
Dichloroethene 4,42E-15 NA	1,2-Dichloroethane	2.58E-15	8.09E	.59E-	-76E-	-76E-	29E-	.98E-	1.07E-1
Dichloropernene 5.85E-15 NA	1, 1-Dichloroethene	4.42E-15		¥.	¥.	A	NA.	NA	4.42E-1
2.56E-77 9.06E-16 9.87E-19 1.00E-19 1.74E-19 2.44E-24 5.93E-20	1,2-Dichloroproper	3.83E-13		¥.	Y.	Y.	Y.	NA:	3.83E-1
thyidisulfide 7.03E-15	Dieldrin	2 54E-17	O 065.		1 00E-10			E OZE 20	1.04E-1
chlorobenzene 6.76E-14 2.25E-14 8.40E-16 1.09E-16 9.71E-19 1.57E-16 azine azine 8.74E-11 3.06E-08 1.88E-16 3.19E-17 5.94E-13 7.96E-20 2.02E-13 and 1.99E-17 4.70E-18 1.26E-20 2.09E-21 8.09E-20 1.07E-25 2.75E-20 and 1.99E-17 4.80E-18 2.47E-20 4.14E-21 2.39E-19 0.00E+00 8.13E-20 yl chloride 3.43E-15 NA	Dimethyldisulfide	7.03E-15	NA NA		NA NA			NA NA	7 035-1
azine azine by termination and the companies by termination and the companies by termination are an arine by the companies by the companies by termination are around the companies by the compan	Hexachiorobenzene	6-76E-14	2.25	-40F	1_09E-16	60F	0.71F-19	1.57E-16	0 16E-1
ane this control of the control of t	Hydrazine	8.74E-11	3.06E	-88E-	3.19E-17	376	7.96E-20	2.02E-13	3.07F-0
thion 3.51E-17 4.80E-18 2.47E-20 4.14E-21 2.39E-19 0.00E+00 8.13E-20 VI chloride 3.43E-15	Lindane	1.19E-17	4.70E	-26E-	2.09E-21	.09E	1.07E-25	2,75E-20	1-67E-1
VI chloride 3.43E-15 NA	Halathion	3.51E-17	4	-47E-	4.14E-21	.39E	0.00E+00	8.13E-20	4.03E-1
Viene chloride 2.07E-13 NA	dethyl chloride	3.43E-15		NA	AN	AN	NA	NA	3.43E-1
VI ethyl ketone 4.34E-15 3.18E-14 2.36E-19 4.00E-20 2.95E-17 0.00E+00 1.00E-17 1.00E-17 3.18E-14 2.36E-19 4.00E-20 2.95E-17 0.00E+00 1.00E-17 1.00E-17 3.94E-15 5.11E-15 1.09E-18 1.85E-19 2.68E-17 6.13E-23 9.12E-18 1.81E-14 2.52E-20 6.38E-14 2.35E-19 1.08E-18 3.35E-19 1.08E-18 1.81E-19 2.73E-19 1.08E-18 2.35E-19 1.08E-18 2.80E-14 7.22E-18 5.69E-15 1.04E-19 1.91E-16 0.00E+00 6.49E-17 2.80E-14 2.60E-14 2.50E-17 7.60E-16 2.37E-19 2.59E-16 2.37E	detnylene chloride	2.07E-13			NA	NA	NA		2.07E-1
highly hydrazine 3.94E-15 5.11E-15 1.09E-18 1.85E-19 2.68E-17 6.13E-23 9.12E-18 methyl hydrazine 2.75E-11 3.59E-09 5.94E-17 1.01E-17 1.87E-13 2.52E-20 6.38E-14 that ene carbonitrile 2.46E-16 2.77E-16 5.17E-19 8.58E-20 3.16E-18 3.35E-19 1.08E-18 that ene carbonitrile 2.46E-12 2.73E-15 4.54E-16 1.04E-19 1.91E-16 0.00E+00 6.49E-17 cenaphthalene 1.12E-13 6.36E-14 2.60E-16 4.20E-17 7.60E-16 2.37E-19 2.59E-16 2.37E-19 2.59E-16 2.37E-19 2.59E-16 2.37E-19 2.59E-16	dethyl ethyl ketone	4.34E-15	M	.36E-	4.00E-20	2.95E-17	0.00E+00		3.62E-1
thalene carbonitrile 2.75E-11 3.59E-09 5.94E-17 1.01E-17 1.87E-13 2.52E-20 6.38E-14 thalene carbonitrile 2.27E-16 5.17E-19 8.58E-20 3.16E-18 3.35E-19 1.08E-18 thalene carbonitrile 2.46E-12 1.20E-12 2.73E-15 4.54E-16 1.67E-14 7.72E-18 5.69E-15 trosodimethylamine 2.80E-14 7.87E-12 6.15E-19 1.04E-19 1.91E-16 0.00E+00 6.49E-17 canaphthalene 1.12E-13 6.36E-14 2.60E-16 4.20E-17 7.60E-16 2.37E-19 2.59E-16 canaphthalene	+-Methylphenol	3.94E-15	rv.	-360·	1.85E-19	2.68E-17	6.13E-23		9.08E-1
thalene 4.64E-16 2.27E-16 5.17E-19 8.58E-20 3.16E-18 3.35E-19 1.08E-18 thalene carbonitrile 2.46E-12 1.20E-12 2.73E-15 4.54E-16 1.67E-14 7.72E-18 5.69E-15 trosodimethylamine 2.80E-14 7.87E-12 6.15E-19 1.04E-19 1.91E-16 0.00E+00 6.49E-17 canaphthalene 1.12E-13 6.36E-14 2.60E-16 4.20E-17 7.60E-16 2.37E-19 2.59E-16 canaphthalene 1.12E-13 5.36E-14 2.60E-16 4.20E-17 7.60E-16 6.18E-30 2.59E-16 canaphthane	fonomethyl hydrazine	2.75E-11	m	-346-	1.01E-17	1.87E-13	2.52E-20		3.62E-0
tratene carbonitrile 2.46E-12 1.20E-12 2.73E-15 4.54E-16 1.67E-14 7.72E-18 5.69E-15 trosodimethylamine 2.80E-14 7.87E-12 6.15E-19 1.04E-19 1.91E-16 0.00E+00 6.49E-17 cenaphthalene 1.12E-13 6.36E-14 2.60E-16 4.20E-17 7.60E-16 2.37E-19 2.59E-16	Vaphthalene	4 (2.27E-1	.17E-	8.58E-20	3.16E-18	3.35E-19		6.96E-1
cenaphthalene 1.12E-13 6.36E-14 2.60E-16 4.20E-17 7.60E-16 2.37E-19 2.59E-16 enaphthalene 1.12E-13 2.35E-14 2.50E-16 4.20E-17 7.60E-16 2.37E-19 2.59E-16 enaphthane	Naphthalene carbonitri	2 2	1.20E-1	.73E-	4.54E-16	1.67E-14	7.72E-18		3.68E-1
cenaphthalene 1.12E-13 6.36E-14 2.60E-16 4.20E-17 7.60E-16 2.37E-19 2.59E-16 1 senaphthane 1.12E-13 2.59E-14 2.59E-16 1	I'N'I LI OSCOTIMETNY LAMINE	V	7.8/E-1	. T.E.	1.04E-19	1.97E-16	0.00E+00		7.90E-1
1.1E 13 0.00E 14 2.00E 10 4.00E 11 1.00E 10 2.01E 17 2.02E 10 1.00E 10 1.00	Acenaphthalene		A 74E-11	KOE	7. 20E-17	7 KOE-16	275	2 EOF 14	1 777 6
			41 - 30C - 0	200	4.CUE-1/	01 - 200 - /	7	C.27E-10	- (/E-

TABLE 6. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Chrysene Dibenzo(a,h)anthracene Fluoranthene Fluoranthene Fluoranthene Phenanthrene Phenanthrene Pyrene Pentachlorobenzene Pyridine Quinoline Tetrachlorobenzene Tetrachlorobenzene Trichlorobenzene Trichlorobenz		4.45E-16 1.48E-14 1.39E-15 7.30E-17 3.52E-19 9.87E-20 7.68E-20 NA NA 1.45E-17 NA NA NA NA NA NA NA NA NA NA NA NA NA	5.26E-17 1.33E-15 2.75E-16 5.27E-16 5.27E-16 1.30E-20 1.29E-18 6.86E-18 NA NA NA NA NA NA NA NA NA NA NA NA NA	1.53E-16 1.53E-15 1.53E-15 5.94E-19 3.09E-15 3.00E-18 1.72E-16 9.21E-17 NA 4.66E-17 1.49E-18 NA NA NA NA NA NA NA NA NA NA NA NA NA	8.01E-19 1.79E-16 6.60E-20 2.27E-19 3.62E-18 7.17E-25 NA NA NA NA NA NA NA NA NA NA NA NA NA	5.20e-17 5.20e-16 5.20e-16 5.20e-17 1.29e-17 1.02e-18 1.02e-18 3.14e-17 NA 1.59e-17 1.59e-17	2.64e-7 2.92e-13 2.92e-13 3.02e-13 7.03e-14 7.03e-17 7.03e-17 7.03e-17 7.03e-17 7.03e-17 7.03e-17 7.03e-17 7.03e-17 7.03e-12 7.03
2.6E-14 3.58E-14 3.58E-15 4.45E-16 5.26E-17 1.52E-16 6.01E-19 5.20E-17 5.20E-18 7.20E-18 7.20E-19	ysene enzo(a,h)anthracene oranthene orene nanthrene ene io hlorobenzene hlorobenzene hlorobenzene erobenzene erobenzene erobenzene ine ine ine ine ine ine ine ine ine		4.45E-16 1.48E-14 7.30E-15 7.30E-15 3.52E-19 9.87E-20 7.68E-20 NA NA 1.45E-17 NA NA NA NA NA NA NA NA NA NA NA NA NA	5.26E-17 1.33E-15 2.75E-16 5.27E-20 5.27E-10 1.30E-20 NA NA NA 2.35E-18 6.86E-18 NA NA NA NA NA NA NA NA NA NA NA NA NA	1.53E-16 1.53E-15 1.53E-15 5.94E-19 3.05E-15 3.00E-18 1.72E-16 9.21E-17 NA 4.66E-17 7.39E-13 1.49E-18	8.01E-19 1.79E-16 6.60E-20 2.27E-19 3.62E-18 7.17E-25 NA NA NA NA NA NA NA NA NA NA NA NA NA	5.20e-17 5.20e-16 5.20e-16 5.20e-17 1.29e-19 1.02e-18 1.02e-18 1.02e-18 3.14e-17 3.14e-17 1.59e-17 1.59e-17	2.506-7 2.926-13 2.926-13 2.926-13 1.10
The continue of the continue o	enzo(a,h)anthracene oranthene oranthrene ene ion hlorobenzene hlorobenzene hlorobenzene oroethene oroethene dimethyl hydrazine acetate chloride s (total) mm (III) mm (VI)		1.48E-14 1.99E-15 3.52E-19 3.77E-15 9.87E-20 2.04E-16 7.68E-20 7.68E-17 NA NA 1.45E-17 4.36E-17 NA NA NA NA NA NA NA NA NA NA NA NA NA	2.75E-15 2.75E-16 1.5E-17 5.27E-16 1.61E-20 2.91E-17 1.30E-20 NA NA NA NA NA NA NA NA NA NA NA NA NA	1.53E-15 1.53E-15 3.05E-15 3.05E-15 3.00E-18 1.72E-16 9.21E-17 NA 1.49E-13 1.49E-18	1.79E-16 NA 6.60E-20 2.27E-19 3.62E-18 7.17E-25 NA NA NA NA NA NA NA NA NA NA	5.20e-16 5.20e-16 1.29e-17 1.02e-18 1.02e-18 1.02e-17 1.59e-17 1.59e-17	2.92e-13 2.92e-13 3.02e-14 4.57e-13 7.03e-13 7.03e-14 7.54e-15 7.5
To continue to the continue to	oranthene orene nanthrene ene ion hlorobenzene hloroethene oroethene dimethyl hydrazine acetate chloride s (total) m (111)		1.99E-15 7.30E-17 3.52E-19 9.377E-15 9.377E-15 7.68E-20 NA NA 1.45E-17 NA NA NA NA NA NA NA NA NA NA NA NA NA	2.75E-16 1.15E-17 5.42E-20 2.91E-17 1.30E-20 NA NA 2.35E-18 6.16-21 NA NA NA NA NA NA NA NA NA NA NA NA NA	1.53E-15 1.53E-15 3.05E-15 3.05E-15 3.05E-16 3.00E-18 NA 4.66E-17 NA 4.66E-17 NA 1.49E-13 NA NA NA NA NA NA NA NA NA NA	6.60E-20 2.27E-19 3.62E-18 7.17E-25 NA NA NA NA NA 2.17E-20 VA 8.78E-25 VA NA	5.20e-16 5.20e-16 1.04e-15 1.04e-15 1.02e-19 1.02e-19 3.14e-17 3.14e-17 3.14e-17 3.14e-17 5.85e-17	2.92E-13 3.02E-13 1.10E-16 1.10E-16 1.37E-13 1.37E-14 4.32E-14 2.39E-14 7.54E-15 7.54E-15 7.54E-15 7.54E-15 7.54E-15 7.54E-15 7.54E-15 7.54E-15 7.54E-15 7.54E-15 7.54E-15
manthrene 2.246-14 7.326-15 1.758-15 6.68-20 5.202-17 5.022-19 1.002-10 1.358-15 6.68-20 5.202-17 5.022-19 1.002-10 1.00	oranthrene narthrene ene ion hlorobenzene hlorobenzene hloroethene oroethene dimethyl hydrazine acetate chloride s (total) mm (VI)		7.39E-15 3.52E-17 3.52E-17 9.87E-20 7.68E-20 NA NA 1.45E-17 NA NA NA NA NA NA NA NA NA NA NA NA NA	2.75E-16 5.42E-20 5.27E-16 1.61E-20 1.30E-20 1.29E-18 6.86E-18 NA NA NA 7.51E-17 6.11E-21 NA NA NA NA NA NA NA NA NA NA NA NA NA	1.53E-15 1.53E-16 3.05E-19 3.05E-16 1.87E-16 1.72E-16 9.21E-17 NA 1.49E-13 1.49E-13	0.606-20 2.276-19 3.62E-18 7.17E-25 NA NA NA NA NA NA NA NA NA NA NA NA NA	5.20E-16 5.20E-17 1.04E-15 1.29E-19 6.38E-17 1.02E-18 3.14E-17 NA 1.59E-17 1.59E-17	2.92E-13 3.02E-14 1.10E-14 7.03E-17 7.03E-17 7.54E-12 3.39E-14 7.54E-15 7.54E-15 5.08E-15 5.08E-15 3.27E-16
orenee 8.24E-14 7.52E-15 7.30E-17 1.15E-17 1.52E-19 5.0EE-17 3.0ZE-19 1.10E-10 5.0ZE-19 1.10E-10 5.0ZE-19 1.10E-10 5.0ZE-19 5.0ZE-19 5.0ZE-19 1.10E-10 5.0ZE-19 1.10E-19 5.0ZE-19 5.0ZE	orene nanthrene ene ion hlorobenzene hlorobenzene hloroethene ere dimethyl hydrazine dimethyl hydrazine chloride s (total) mm (III)		7.30E-17 3.52E-19 9.87E-15 9.87E-16 7.68E-20 7.68E-20 NA NA 1.45E-17 1.45E-17 NA NA NA NA NA NA NA NA NA NA NA NA NA	5.42E-17 5.27E-16 1.61E-17 1.30E-20 1.30E-20 NA NA NA NA NA NA NA NA NA NA NA NA NA	1.53E-16 3.05E-19 3.05E-19 3.00E-18 3.00E-18 0.21E-17 NA 4.66E-17 7.39E-13 1.49E-18	6,60E-20 2,27E-19 3,62E-18 7,17E-25 NA 1,43E-20 NA NA NA NA NA NA NA NA NA NA NA NA NA	5.20E-17 1.29E-19 1.29E-19 6.38E-17 1.02E-18 3.14E-17 NA 1.59E-17 1.59E-17	3.02E-14 5.75E-13 7.03E-14 4.57E-13 4.82E-14 7.54E-15 7.54E-15 7.54E-15 7.54E-15 7.54E-15 7.54E-15 7.65E-15 7.6
A SACE 17 1.16E-17 3.52E-19 2.02E-19 1.10E-19 1.	nanthrene ene ion hlorobenzene hlorobenzene hloroethene e oroethene dimethyl hydrazine acetate chloride s (total)		3.52E-19 3.77E-15 3.87E-20 2.04E-16 7.68E-20 NA 7.66E-18 4.36E-17 NA NA NA NA NA NA NA NA NA NA	5.42E-20 5.27E-16 2.91E-17 1.30E-20 NA NA 2.35E-18 6.11E-21 NA NA NA NA NA NA NA NA NA NA NA NA NA	5.94E-19 3.05E-15 3.05E-16 1.87E-16 3.00E-18 NA 4.66E-17 NA 7.39E-13 1.49E-18 NA	2.27E-19 3.62E-18 7.17E-25 NA NA 1.43E-20 NA NA 2.17E-20 2.17E-20 4.78E-25 NA	2.02E-19 1.04E-15 1.04E-15 6.38E-17 1.02E-18 3.14E-17 3.14E-17 NA 1.59E-17 5.05E-13	7.75E-15 7.75E-13 7.75E-14 7.87E-14 7.82E-14 7.73E-16 7.73E-16 7.73E-15 7.88E-15 7.88E-15 7.88E-15 7.88E-15 7.88E-15 7.88E-15 7.88E-15 7.88E-15 7.88E-15 7.88E-15 7.88E-15 7.88E-15
the conserved by the co	ene ion hlorobenzene hlorobenzene hloroethene erobenzene dimethyl hydrazine acetate chloride s (total) mm (111)		3.77E-15 9.87E-20 2.04E-16 7.68E-20 NA 1.45E-17 NA 1.45E-17 NA NA NA NA NA NA NA NA NA NA NA NA NA	5.27E-16 1.61E-20 1.30E-20 1.29E-18 6.86E-18 NA 2.35E-18 NA 7.51E-17 6.11E-21 NA NA	3.05E-15 3.78E-19 1.87E-16 1.72E-16 9.21E-17 NA NA NA 1.49E-13 1.49E-18	3.62E-18 7.17E-25 NA NA 1.43E-20 NA NA 2.17E-20 WA 4.78E-25 NA	1.046-15 1.296-19 6.386-17 1.026-18 3.146-17 NA 1.596-17 2.526-13	5.75E-13 7.03E-17 7.03E-17 7.57E-14 7.57E-14 7.57E-16 7.5
ion before the control of the contro	ion hlorobenzene ne ine hlorobenzene hlorosthene erobenzene oroethene dimethyl hydrazine acetate chloride s (total) mm (III) mm (VI)		9.87E-20 2.04E-16 7.68E-20 NA 1.45E-17 NA 4.45E-16 3.61E-20 NA NA	1.61E-20 2.91E-17 1.30E-20 NA NA NA NA NA 7.51E-17 6.11E-21 NA NA	3.78E-19 1.87E-16 3.00E-18 9.21E-17 NA 4.66E-17 7.39E-13 1.49E-18	7.17E-25 NA NA 1.43E-20 NA NA NA NA 2.17E-20 NA 9.92E-25 4.78E-25 NA	5.85E-17 5.85E-17 5.85E-17 5.14E-17 1.59E-17 1.59E-17 7.00E-13	4.578-17 4.578-17 4.828-14 4.738-14 7.548-16 7.548-15 7.548-15 7.688-15
hicrobenzene 2.75E-14 1.76E-14 2.04E-15 2.91E-17 1.87E-16 NA 6.38E-17 4.70S	hlorobenzene ne ine hlorobenzene hloroethene oroethene dimethyl hydrazine acetate chloride s (total) mm (111) um (VI)		200 N N S N N S O S N N N N N N N N N N N N	2.91E-27 1.30E-20 1.30E-20 NA NA 2.35E-18 NA 7.51E-17 NA NA NA NA	1.72E-16 3.00E-18 NA 1.72E-16 9.21E-17 NA 4.66E-17 7.39E-13 1.49E-18	1.43E-20 NA NA NA NA NA 2.17E-20 9.92E-20 4.78E-25 NA	5.85E-17 3.14E-17 1.59E-17 1.59E-17 1.59E-17	2.58E-15 7.54E-15 7.54E-15 7.54E-15 7.54E-15 7.88E-15 5.05E-16 3.27E-16 3.12E-15
Tortoberize the control of the contr	ne ine hlorobenzene hloroethene erobenzene oroethene dimethyl hydrazine dectate chloride s (total) mm (111) mm (VI)	1010	200 X X X X X X X X X X X X X X X X X X	2.37E-17 1.30E-20 1.29E-18 6.86E-18 NA 2.35E-18 NA 7.51E-17 6.11E-21 NA NA	3.00E-18 3.00E-18 1.72E-16 9.21E-17 NA NA 7.39E-13 1.49E-18	NA NA NA NA NA 2.17E-20 NA 9.92E-25 4.78E-25 NA	6.38E-17 1.02E-18 NA 3.14E-17 NA 1.59E-17 2.52E-13	4.57E-14 2.46E-12 2.39E-14 3.39E-14 7.54E-15 7.54E-15 7.05E-15 1.85E-08 3.27E-16 3.12E-15
## 1.002-18 1.301-18	ne hlorobenzene hlorobenzene hloroethene e oroethene dimethyl hydrazine acetate chloride s (total) lm (III)		8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1.30E-20 NA 6.86E-18 NA NA NA 7.51E-17 6.11E-21 NA NA	3.00E-18 NA 1.72E-16 9.21E-17 NA NA 7.39E-13 1.49E-18 NA	NA 1.43E-20 1.43E-20 NA NA 2.17E-20 NA 9.92E-20 4.78E-25 NA	NA NA NA SSE-	1.81E-15 4.82E-14 4.73E-14 7.54E-15 7.55E-15 7.05E-15 1.85E-08 3.27E-16 3.12E-15
1.25E-12	ne hlorobenzene hlorobenzene orobenzene oroethene dimethyl hydrazine acetate chloride s (total) nm (111) nm (111)	.414 0. 444	2566 2666 267 267 267 267 267 267 267 267	1.29E-18 6.86E-18 NA 2.35E-18 NA 7.51E-17 6.11E-21 NA NA	NA 1.72E-16 9.21E-17 NA 4.66E-17 7.39E-13 1.49E-18 NA	1.43E-20 NA NA NA 2.17E-20 9.92E-20 4.78E-25 NA	NA NA NA NA S9E- 59E- 50E-	2.46E-12 4.82E-14 5.39E-14 7.54E-15 7.88E-15 5.05E-18 1.85E-05 3.27E-16 3.12E-15
1.35E-14 2.27E-14 7.66E-18 1.29E-16 1.43E-20 5.85E-17 4.36E-17 1.35E-16 1.43E-20 5.85E-17 4.36E-17 1.35E-16 1.43E-20 5.85E-17 4.36E-17 1.35E-16 1.43E-17 1.43E-17 1.43E-17 1.43E-17 1.43E-17 1.43E-17 1.43E-17 1.43E-17 1.43E-17 1.43E-18	ine hlorobenzene hloroethene erobenzene oroethene dimethyl hydrazine acetate chloride s (total) mm (III) mm (VI)	1414 0	N N S N N S N N S N N N N N N N N N N N	1.29E-18 6.86E-18 NA 2.35E-18 NA 7.51E-17 6.11E-21 NA NA	1.72E-16 9.21E-17 NA 4.66E-17 NA 7.39E-13 1.49E-18 NA	1.43E-20 NA NA NA 2.17E-20 9.92E-20 4.78E-25 NA	NA NA S9E- 59E- 52E-	4.826-14 3.39E-14 4.73E-16 7.54E-15 7.88E-15 5.05E-15 3.27E-16 3.12E-15 3.12E-15
hiorobenzene (1.35E-14 2.01E-14 4.36E-18 9.2E-19 1.43E-19 1.43E-19 4.36E-18 9.2E-19 1.43E-19	hiorobenzene hioroethene e probenzene oroethene dimethyl hydrazine acetate chloride s (total) lm (III)		200 N N S N N N N N N N N N N N N N N N N	6.86E-18 NA NA NA 2.35E-18 NA 7.51E-17 6.11E-21 NA NA	9.21E-17 NA NA 4.66E-17 NA NA 17.39E-13 1.49E-18	2.17E-20 NA NA NA 2.17E-20 V.78E-25 V.78E-25	14E- NA NA S9E- 52E-	7.54E-15 7.54E-16 7.54E-15 7.68E-15 7.05E-15 1.88E-13 3.27E-16 3.12E-15
Controlled Control C	Microethene e orobenzene dimethyl hydrazine scetate chloride s (total) um (111) um (VI)		2 X X Z X X X X X X X X X X X X X X X X	2.35E-18 NA NA NA 7.51E-17 6.11E-21 NA NA	7.216-17 NA 4.666-17 NA 7.396-13 1.496-18 NA	NA NA NA 2.176-20 NA 9.926-20 4.786-25 NA	NA NA SSE- SSE-	5.5%E14 7.73E16 7.88E15 5.05E15 1.85E08 3.27E16 2.89E15
Comparison	ntoroethene probenzene oroethene dimethyl hydrazine acetate chloride s (total) mm (111) mm (V1)	<i>5</i> , 44	NA NA NA NA NA NA	NA NA 2.35E-18 NA 7.51E-17 6.11E-21 NA NA	NA N	NA NA 2.17E-20 NA 9.92E-20 4.78E-25 NA	NA SZE- SZE-	4.73E-16 7.54E-15 7.88E-15 5.05E-15 1.85E-08 3.27E-16 2.89E-15
Continue	orobenzene oroethene dimethyl hydrazine acetate chloride s (total) lm (III)	0. 44	NA NA NA NA NA	NA 2.35E-18 NA 7.51E-17 6.11E-21 NA	.39E-49E-	2.17E-20 NA 9.92E-20 4.78E-25 NA	NA NA SZE-	54E 888 888 95E 12E 89E 89E
Secrete 6.86E-15 9.44E-16 1.45E-17 2.35E-18 4.66E-17 2.17E-20 1.59E-17 7.88E or or otherwise 6.86E-15 9.44E-16 1.45E-17 7.39E-13 9.92E-20 1.59E-17 7.39E-18 9.92E-20 1.59E-17 7.39E-18 9.92E-20 1.83E-16 1.05E-16 3.61E-20 6.11E-21 1.49E-18 4.78E-25 5.09E-19 3.27E 2.20E-16 1.05E-16 3.61E-20 6.11E-21 1.49E-18 4.78E-25 5.09E-19 3.27E 2.36E-15 NA	orobenzene dimethyl hydrazine acetate chloride s (total) am (III) am (VI)	0. 44	NA NA NA NA NA	2.35E-18 NA 7.51E-17 6.11E-21 NA NA	.39E- 49E- NA	2.17E-20 NA 9.92E-20 4.78E-25 NA	52E-	25 25 25 25 25 25 25 25 25 25 25 25 25 2
Totathene 5.05E-15 NA	oroethene dimethyl hydrazine acetate chloride s (total) m (III) um (VI)		NA NA NA NA	7.51E-21 6.11E-21 NA NA	.39E-	9.92E-20 4.78E-25 NA	SZE-	125 125 126 127 127 127 127 127 127 127 127 127 127
dimethyl hydrazine 1.09E-10 1.83E-08 4.43E-16 7.51E-17 7.39E-13 9.92E-20 2.52E-13 1.85E-18 5.09E-19 3.27E 5.09E-19 3.29E-19 NA	dimethyl hydrazine acetate chloride s (total) m (III) mm (VI)		NA NA	7.51E-17 6.11E-21 NA NA	. 49E	9.92E-20 4.78E-25 NA	526	32228
Secrete 2.20E-16 1.05E-16 3.61E-20 6.11E-21 1.49E-18 5.20E-19 3.27E-15 1.49E-18 5.28E-16 1.05E-16 3.61E-20 6.11E-21 1.49E-18 5.28E-16 1.05E-16 3.28E-15 1.49E-18 1.49E-18 5.28E-16 1.05E-16 3.28E-15 1.49E-18 1.49E-18 1.49E-18 5.28E-16 1.49E-18 1.49	acetate chloride s (total) lm (VI)		NA NA NA	6.11E-21 NA NA	49E	4.78E-25 NA	200	272
Secretate 2.89E-15 NA	acetate chloride s (total) m (III) um (VI)	_	Z Z Z	AAA	AN AN	4. (SE-23 NA	5	122
Cotation (Cotation) 2.36E-15	chioride s (total) c m (VI) m (VI)		Y X X	A A A	A A	A	.07	22.8
2.96E-12 4.51E-15 2.34E-15 2.01E-14 9.84E-15 6.86E-16 3.23E 2.96E-12 4.51E-15 2.34E-13 1.32E-15 2.01E-14 9.84E-15 6.86E-16 3.23E 1.72E-14 2.52E-16 4.82E-16 9.11E-18 1.17E-16 NA 3.98E-18 1.80E 1.72E-14 2.52E-16 4.82E-16 9.11E-18 1.77E-16 NA 3.98E-18 1.80E 1.72E-14 2.52E-16 4.82E-16 9.11E-18 NA NA NA NA NA NA NA 1.20E-15 NA 1.26E-15 NA NA 1.20E-15 NA 1.26E-15 NA NA 1.20E-15 NA 1.26E-15 NA NA 1.20E-15 NA NA 1.20E-15 NA 1.26E-15 NA NA 1.25E-16 NA 2.75E 1.11E-13 NA 1.55E-16 NA 2.55E-16 NA 2.55E-16 NA 3.36E-15 NA 1.55E B. 82E-13 NA NA NA NA NA NA NA NA 1.55E-15 NA 8.86E Dr 10 M3/day UM 1000 Ug/mg UM 15.5 Kg UM 1000 Ug/mg	S (total) In (III) Im (VI)		A V	۷ ×	AZ.		Ā	89
S (total) 5.38E-16 NA NA NA NA NA NA S.38E-16 S.38E-16 NA S.38E-15 S.34E-15	s (tota()m (111) .m (V1)		97	ΑN		A.	Ā	-
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2.96E-12	(VI) m. (VI)							
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N.	ium (VI) er er rr ium ium		4.82E-16	9.11E-18	1.17E-16	AN	3.98E-18	-30E
1.0m (VI) 2.68E-15	er er er er er er er		¥	A	WA	AN	NA	-40A
1.13E-13 NA NA NA 1.20E-15 NA 1.14E-15 2.73E-09 NA	er Fry Sium		A.	AN	NA	AN	NA.	KAE-
2.73E-09 NA	ury nium sir		AN	AN	AN		2	1/6
LITY 11E-13 NA	ury nium sr		NA	W	NA.			1
LINY 1.11E-13 2.15E-15 1.23E-15 3.98E-14 7.55E-16 NA 2.57E-17 1.55E-15 1.23E-15 3.98E-14 7.55E-16 NA 2.57E-17 1.55E-15 1.53E-13 NA NA NA NA NA NA NA NA NA 1.53E-15 NA NA NA NA NA 1.53E-15 NA NA NA 1.53E-15 NA 8.86E-15 NA 8	rry ijum sr						Z :	125
LIY 1.1E-13 2.15E-15 3.98E-14 7.55E-16 NA 2.57E-17 1.55E-17 1.55E-17 1.55E-17 1.55E-17 1.55E-17 1.55E-17 1.55E-17 1.55E-17 1.55E-15 NA	iry nium er	2 1	X .			Z.	Z.	<u> </u>
3.36E-13 NA NA NA NA NA NA NA NA NA 3.36E-13 NA NA NA NA 1.53E-15 NA 1.53E-15 NA 1.53E-15 NA 8.86E-15	er Se	Z. 12E-	1.435-15			Y.	-3/E-	-55E-
PF 1.53E-15 NA NA NA NA NA 1.53E- 8.82E-13 NA NA NA A 4.58E-15 NA 8.86E- br 10 M3/day Um 10.00 ug/mg	<u></u>		NA A	A	¥	AN	N	-36E-
8.82E-13 NA NA 4.58E-15 NA 8.86E-15 NA 8.8			A	A.	X	AN	MA	53F-
	8.82	AN.	A.	A.	A.	.58E-1	AN	RAF
br 10 M3/day bw 15.5 Kg um 1000 ug/mg								
br 10 M3/day bw 15.5 Kg um 1000 ug/mg								
br 10 M3/day bw 15.5 Kg um 1000 ug/mg								
bw 15.5 Kg um 1000 ug/mg	br		/day					
um 1000 ug/mg	MQ							
			/ma					

nhalation dose = Cair *br/bw/ugmg

INHALATION 18-Jun-91 EXPOSURE 15:15:32 (mg/kg/day) 5 cetone cetonitrile	VEGE EXPONENTIAL CMG/Kg 1.3 3.1 1.3 8.6 8.6 1.3	MILK EXPOSURE (mg/kg/day) 2.80E-16 2.50E-16 5.37E-17 2.50E-18 3.35E-17 5.20E-16 3.65E-19 NA NA NA NA NA NA NA NA NA NA NA NA NA	BEEF EXPOSURE (mg/Kg/day) NA 4.71E-17 NA 8.20E-18 8.87E-19 7.16-18 7.20E-16 5.19E-18 8.29E-17 5.57E-20 NA NA 1.20E-15 1.11E-18	SOIL/DUST EXPOSURE (mg/Kg/day) 6.19E-14 NA 9.62E-20 3.48E-15 2.15E-17 1.59E-15 7.77E-16 1.70E-14 7.23E-18 4.26E-18 8.46E-17 NA	FISH CONSUMPTI (mg/Kg/dd 1.75E- 0.00E+ 5.27E- 0.00E+ 5.67E- 4.96E- 6.74E- 7.34E- 7.46E- NA	DERMAL EXPOSURE (mg/Kg/day) 2.11E-14 3.28E-20 1.19E-15 7.33E-18 5.40E-16 8.40E-16 8.40E-16 2.63E-15 2.65E-16 2.46E-18 1.45E-18	(mg/kg/day) 9.92E-15 1.43E-10 3.82E-15 2.65E-15 9.45E-15 9.45E-15 1.72E-12 1.72E-12 1.55E-13 1.55E-13 1.55E-13 1.55E-13 1.69E-13 1.69E-13
thalate e otal)	NAMA 1.348 1.486 1.116 1.116 1.108 1.856 1.866 1.388 1.388	2.80E-16 1.67E-16 5.37E-16 2.50E-18 4.47E-17 8.35E-17 3.65E-19 1.58E-13 9.91E-18 8.22E-20 MA NA	A. 71E - 17 B. 20E - 18 B. 87E - 18 S. 36E - 18 T. 20E - 16 S. 57E - 20 T. 67E - 15 T. 67E - 16	NA 6.19E-14 NA 9.62E-20 3.48E-15 2.15E-17 1.59E-15 7.77E-16 1.70E-14 7.23E-18 NA 4.26E-18 3.48E-17 NA	- ARON -440 KK	ળ અન્ડેણ વાંતાણવાં નેન	9.92E 3.43E 2.65E 3.43E 2.89E 1.55E 1.55E 1.55E 1.69E 3.59E
at e	1.34E 7.48A 7.48E 7.43E 7.53E 7.11E 7.52E 7.52E 1.85E 8.60E 8.60E 7.50E	2.80E-16 1.67E-16 5.37E-17 2.50E-18 4.47E-17 NA 8.85E-16 3.65E-19 1.58E-13 9.91E-18 8.22E-20 8.22E-20 8.22E-20 6.82E-17	A.71E-17 B.20E-18 B.37E-19 7.16E-18 7.16E-18 7.16E-18 5.27E-20 5.57E-20 7.67E-15 1.11E-18 NA 1.28E-20 NA 1.28E-20 NA 1.28E-20	0.19E-14 0.6E-20 3.48E-15 2.15E-17 1.59E-15 NA 7.77E-16 1.70E-14 7.23E-18 NA 4.26E-18 3.48E-17 NA	- ANON -440 VK	מ שקיה ממתמ יי	9.92E-15 2.68E-10 9.45E-10 9.45E-13 3.45E-13 1.72E-15 1.41E-15 1.3E-12 1.59E-13 1.59E-13 1.59E-13 1.69E-14 1.46E-14 1.46E-14
ate ate	7.48NA 4.33E 1.64E 1.11E 1.11E 3.52E 1.85E 1.85E 1.38E 1.38E 1.28E	2.80E-16 1.6NA 1.6NA 2.5NE-17 4.47E-17 NA 8.85E-16 3.65E-19 1.58E-13 9.91E-18 NA 8.22E-20 NA NA NA NA NA NA NA NA NA NA NA NA NA	A.71E-17 8.20E-18 8.87E-18 7.16E-18 7.16E-18 7.16E-18 5.719E-18 8.29E-17 5.57E-20 7.67E-15 1.11E-18 NA 1.28E-20 NA NA	6. 19E - 14 N A 2 9. 62E - 20 3. 48E - 15 2. 15E - 17 1. 59E - 15 7. 77E - 16 1. 70E - 14 7. 23E - 18 N A 4. 26E - 18 8. 4. 26E - 18 N A NA NA NA NA NA	- 9000 -490 VV	ળ અન્ટ્રા તાળાળી ન્ન	7.43E 2.82E 2.82E 3.43E 3.43E 3.55E 1.17E 1.13E 7.75E 7.85E 7.85E
ate	7.48E-	1.678-16 5.376-16 2.508-18 4.476-17 MA 8.356-17 5.208-16 3.658-19 1.588-13 9.918-13 8.228-20 MA 8.228-20 8.228-20 6.828-18	8.20E-18 3.38E-19 7.16E-18 7.16E-18 5.19E-18 8.29E-17 5.57E-20 7.67E-15 1.11E-18 NA 1.28E-20 NA 1.28E-20	NA 9.62E-20 3.48E-15 2.15E-17 1.59E-15 NA 7.77E-16 1.70E-14 7.23E-18 NA 4.26E-18 3.48E-17 NA	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3.28A 1.19E-1 1.19E-1 1.19E-1 1.19E-1	3.828 2.658 3.438 2.438 2.438 1.578 1.698 3.598 3.598 3.598 3.698 3.698 3.698 3.698 3.698 3.698 3.698 3.698 3.698 3.698
at e	1.116- 1.	2.50E-17 2.50E-18 4.47E-17 MA 8.85E-16 3.65E-19 1.58E-13 9.91E-18 MA 8.22E-20 MA 8.22E-20 8.22E-20 6.82E-18	2.20E-18 3.38E-18 7.16E-18 1.20E-16 5.57E-20 7.67E-15 1.11E-18 NA 1.28E-20 NA 1.00E-18	3.48E-15 2.15E-17 1.59E-15 NA 7.71E-15 7.77E-16 1.70E-14 7.23E-18 NA 4.26E-18 3.48E-17 NA	0 KON -40 K	2,286- 1,196- 1,196- 1,196- 1,196- 1,196- 1,196- 1,196- 1,196-	2.65E 2.65E 3.43E 2.89E 2.89E 1.72E 1.72E 1.73E 7.65E 7.86E
e e	NA N	8.85E-16 3.35E-17 3.35E-17 5.55E-19 1.58E-13 9.91E-18 8.22E-20 8.22E-20 6.82E-18	3.36E-19 7.36E-19 7.36E-19 8.519E-18 8.59E-17 5.57E-20 1.11E-18 1.11E-18 1.28E-20 NA 1.00E-18	2.48E-17 1.59E-15 1.59E-15 1.59E-15 7.77E-16 7.77E-16 7.23E-18 4.26E-18 3.48E-17 NA	100 F400 KK	2.63E- 2.63E- 2.63E- 2.65E- 2.65E- 2.76E- 1.45E-	7.45E
e e	NA- 1116- 1006- 10	8.85E-16 3.35E-17 5.20E-16 3.65E-19 1.58E-13 9.91E-18 NA NA N	7.16E 18 NA 1.20E-16 5.19E-18 8.29E-17 5.57E-20 NA 7.67E-15 1.11E-18 NA 1.28E-20 NA	7.71E-15 7.77E-16 7.77E-16 7.77E-16 7.77E-18 7.23E-18 8.4.26E-18 3.48E-17	2W -46W VV	2.63E- 2.63E- 2.65E- 2.46E- 1.45E- 1.19E-	3.43E 2.845E 1.72E 3.59E 3.59E 1.41E 1.69E 1.46E
at e	2.52E-1.38E-1.38E-1.28E-	8.85E-16 3.25E-17 5.20E-16 3.65E-19 NA NA 8.22E-20 NA NA NA NA NA NA NA NA NA NA NA NA NA	1.20E-16 5.19E-18 8.29E-17 5.57E-20 NA NA 1.11E-18 1.11E-18 1.28E-20 NA 1.00E-18	7.71E-15 7.77E-16 1.70E-14 7.23E-18 8.4.26E-18 3.48E-17 NA	400 VF	2.63E- 2.65E- 2.65E- 2.46E- 1.45E- 1.19E-	2.45E 2.89E 3.55E 3.55E 1.41E 1.68E 6.95E
e e	5.94E-7.09E-	8.85E-16 3.35E-17 5.20E-16 3.65E-19 NA 1.58E-13 9.91E-18 NA NA 3.04E-17	1.20E 16 5.19E-18 8.29E-17 5.57E-20 7.67E-15 1.11E-18 1.28E-20 NA 1.98E-20	7.71E-15 7.77E-16 1.70E-14 7.23E-18 NA 4.26E-18 3.48E-17 NA		2.63E- 2.65E- 5.77E- 2.46E- 1.45E- 1.19E-	7.72E 7.55E 7.55E 7.55E 7.55E 7.65E 7.65E
e te	4.09E- 3.52E- 2.52E- 1.85E- 1.85E- 8.60E- 1.38E- 1.28E-	3.35E-17 5.20E-16 3.65E-19 1.58E-13 9.91E-18 8.22E-20 3.04E-17	5.19E 18 8.29E 17 5.57E 20 NA 7.67E 15 1.11E 18 NA 1.28E 20 NA	7.77E-16 1.70E-14 7.23E-18 NA 4.26E-18 3.48E-17		2.65E- 2.65E- 2.46E- 1.45E- 1.19E-	7.55 7.55 7.55 7.55 7.55 7.55 7.55 7.55
at e	1.105- 3.52E- 1.85E- 1.85E- NA 8.60E- NA 1.38E- 1.28E-	3.65E-19 3.65E-19 NA 1.58E-13 9.91E-18 8.22E-20 NA NA NA NA NA NA NA NA NA NA NA NA NA	1.08F-20 7.67E-20 7.67E-15 1.11E-18 NA 1.28E-20 NA 1.00E-18	1.70E-14 7.23E-18 NA 4.26E-18 3.48E-17 NA		2.46E- 1.45E- 1.45E-	2.55 1.41 1.69 1.69 1.46 1.46 1.46
e e	3.52E- 2.52E- 1.85E- 8.60E- 1.38E- 1.28E-	3.05E-19 N N N N N N N N N N N N N N N N N N N	5.57E-17 5.57E-20 NA 1.11E-18 NA 1.28E-20 NA 1.90E-18	7.23E-14 7.23E-18 NA 4.26E-18 3.48E-17 NA		5.776- 2.46E- NA 1.45E- 1.19E-	3.59E 1.41E 1.69E 6.95E 7.78F
at e	2.52E- 1.85E- 8.60E- 1.38E- 7.56E-	3.03E-17 NA 1.58E-13 9.91E-18 8.22E-20 NA NA 3.04E-17	7.67E-20 7.67E-15 1.11E-18 NA 1.28E-20 1.90E-18	7.25E-18 NA 4.26E-18 3.48E-17 NA		2.46E- NA 1.45E- 1.19E-	1.41E 1.69E 6.95E 1.46E
e e	2.52E- 1.85E- 8.60E- 1.38E- 1.28E-	1.58E-13 9.91E-18 8.22E-20 NA 3.04E-17 6.82E-18	7.67E-15 1.11E-18 NA 1.28E-20 NA NA	4.26E-18 3.48E-17 NA	7.34E- 7.46E- NA	.45E-	1.13E 1.69E 6.95E 1.46E
9	1.85E- 1.38E- 1.38E- 1.28E-	9.91E-18 NA 8.22E-20 NA 3.04E-17 6.82E-18	1.11E-18 1.28E-20 1.90E-18	4.26E-18 3.48E-17 NA	7.34E- 7.46E- NA	.45E-	1.69E 6.95E 1.46E
	8.60E- NA 1.38E- 5.60E-	8.22E-20 NA NA 3.04E-17	1.28E-20 NA 1.28E-20 NA 1.90E-18	3.48E-17	7.46E-	.19E-	6.95E 1.46E 3.78F
	8.60E- NA 1.38E- 5.60E-	8.22E-20 NA 3.04E-17 6.82E-18	1.28E-20 NA 1.90E-18	AN	AN	-	1.46E
	1.38E- 5.60E-	3.04E-17 6.82E-18	1.90E-18	-	187 6	NA.	3 785
	1.38E- 5.60E- 1.28E-	3.04E-17 6.82E-18	1.90E-18	1.99E-18		6.79E-19	1
	5.60E-	6.82E-18	- AUE -	•	NA NA	NA .	6.94E
	1.28E-	0.025-10	127	٠, ٦	7.66E	1.6/E-18	8.89E
	-	200 0	5.7 IE-19	2.4/E-19	1.29E-25	8.42E-20	4.89E
		2.01E-10	8.035-19		4	6.00E-17	3.85E
	75C - 15	4 OZE 44	A E 27 47	Z L		Y I	1.24E
	7.0	17. AN	11.305.1	ů	4	5.2/E-1/	Z.80E.
	Y N	44		¥ 4	4	¥.	Z.89E.
			¥ 1	¥ .	¥ .	¥:	-825-
	R 20E-15	5 U2E-10	8 05E-20		c	Z C	200
	NA	NA NA		10.	272		- 107
				5 5	¥ :	¥ :	
		4	¥ 2	¥ 2		AN :	
Dieldrin 2 56F-17	0 20F-16	1 ORF-17	1 015-18	1 775-10	7 1/1 C	AN A	
		NA	AM	NA	j	07-310-0	
	~	1 015-14	7 585	7, 475.14	0 745 40	4 EOF 44	
	7 11E-08	1 015-16	3 2/E-17	4.075-12	7.045-30	2 OFF 12	
	'n	2 375.20	2 450	0 205 20	1 075 25		3. IZE-
2	•	2 775 30	7.00	0.205.20	1.0/E-25		1. (ZE-
	ó	3.775	4.0	2.44E-19	0.00E+00		4.15E-
		A		AN	NA	NA	3.43E-
	1	¥	NA.	ž	NA	AN	2.07E-
etone	N)	2.44E-19	4.08E-20	99E-	0.005+00	~	3.68E-
	'n	.27E-	1.95E-19	72E-	6.13E-23	~	9.29E-
Monomethyl hydrazine 2.75E-11	M	.03E-	1.02E-17	-30E	2.52E-20	~	3.67E-
	N	-300	1.10E-19	21E-	3.35E-19	-	7.15E-
le		.31E-	5.83E-16	70E-	7.72F-18		3 78F
trosodimethylamine	7	6.27E-19	1.06E-19	1.93E-16	0.00E+00	6.59E-17	8.02E
		1		i			
Acenaphthane 1.12E-13	5 125-14	8.72E-16	7.20E-17	7-71E-16	2.37E-19	2.63E-16	1.82E-13
	146	94E-1	7 77 17	200	7 135 40	Z.03E-10	1.45E-

1		:	;	ļ						
	د	TABLE 5	A	AZ	ВА	88	80	gg G	BE	
	Chrysene	•	4.08E-15	6.85E-15	3.63E-16	1.55E-16	8.01F-19	5.27F-17	3 39F-14	
	Dibenzo(a.h)anthracene	2.24E-13	1.46E-14	3.43F-13	71-362-1	1 555.15	20.	5 275-16	A 015-12	
	Fluoranthene	2.24E-13	7.14E-14	1.92E-14	1,115-15	1.554-15		5.27F-16	3 18F-13	
	Fluorene	2.24E-14	8.36E-15	3.23F-16	2 37F-17	1 556-16		5 27E-17	7 13E-16	
	Phenanthrene	8.74E-17	2,45E-17	1.86E-18	1.28E-19	6.03F-19	2.27F-19	2.05F-19	1.15F-16	
	Pyrene	4.49E-13	1.34E-13	3.52E-14	2.05E-15	3, 10F-15		1 05E-15	6.24F-13	
	Parathion	5.56E-17	1.61E-17	2.66E-19	2.44E-20	3.84E-19		1.31E-19	7.25F-17	
	Pentachlorobenzene	2.75E-14	1.88E-14	74E-	1.04E-16	1.90E-16		6-48E-17	4.84F-14	
	Phenol	4.41E-16	1.40E-15	38E-	1.35E-20	3.04E-18	AN	1.04F-18	1.85F-15	
	Pyridine	2.46E-12	N.	N.	NA	NA	AN	NA	2 46F-12	
	Quinoline	2.53E-14	2.39E-14	9.03E-18	1.37E-18		1.43E-20	1-376	4.94F-14	
	Tetrachlorobenzene	1.35E-14	2.09E-14	91E-	1.41E-17	9.34E-17	X	18F-	3 47F-14	
	Tetrachloroethene	4.73E-16	X	A	NA		Z Z	N	4 73F-16	
	Toluene	7.54E-15	NA	AN	AN	Z Z	AN	NA	7 54F-15	
	Trichlorobenzene	6.86E-15	1.18E-15	4.50E-17	3.85E-18	4.73F-17	~	1-61F-17	8 15F-15	
	Trichloroethene	5.05E-15	NA.	N.		NA	NA	NA	5.05E-15	
	Unsym. dimethyl hydrazine	1.09E-10	1.86E-08		9	SOF.	0.92F-20	55F.	1.87E-08	
	Vapona	2.20E-16	14E	3.92E-20	32F.	1.525-18	4 78F-25	5 16F-19	3 35F-16	
	Vinyl acetate	3.12E-15	A.	NA	NA		AN	AN	3 175-15	
	Vinyl chloride	2.89E-15	NA NA	N.	42	N.	AN	A	2.89F-15	
	Xylenes (total)	5.38E-16	NA	NA	NA	AN	AN	AN	5.38E-16	
	INORGANICS									
	Arsenic	2.96E-12	1.01E-13	1.25E-12	.61E	2.04E-14	9.84E-15	6.96E-16	4.35E-12	
	Cachnium	1.72E-14	8.14E-16	1.47E-15	1.76E-17	1.18E-16	NA	4.03E-18	96	
	Chromium (III)	7.60E-14	AN	NA	¥	AN	A	NA	7.60E-14	
	Chromium (VI)	2.68E-15	AN	AN	NA	A	AN	AX	68F	
	Copper	1.13E-13	AN	AN	A.	Ä	1.20E-15	X	14E	
	Iron	2.73E-09	NA	NA	¥2	¥	AN	AX	73E	
	Lead	1.11E-13		NA.	NA	AN	A	N.	11E	
	Mercury	1.11E-13	5.80E-15	4.09E-15	6.51E-14	7.66E-16	N.	2.61E-17	1.87E-13	
	Selenium	3.36E-13	NA	NA	AN		N	NA	36E	
	Silver	1.53E-15	NA A	NA	AN	AN	NA	AN	.53E	
	Zinc	8.82E-13	NA	NA	NA	N	4.58E-15	AN	8.86E-13	
		-								
		5 3	W 00 4	M3/day						
		360								
		5		ng/mg						
		Inhalation dose =	= Cair*br/bw/ugmg	Mbm/r						
				,						

'024 '	E 40	ر ه <i>و</i> دُ			· ~+				m	•	_	_		•	+			~	_	_																									59 60
BASE CASE		18-Jun-91 15:15:32 FARM	ORGANICS	Acetone	Acetonitrile	Acrylonitrile	Aldrin	Aniline	Atrazine	Benzaldehyde	Benzene	Benzofuran	Benzoic Acid	Benzonitrile	Benzotniazole	Bis(2-ethylhexyl)nhthalate	Carbazole	Carbon Tetrachloride	4-Chloroaniline	Chlorobenzene		4,4-Chlorobiphenyl	Chloroform	Dibenzofuran	Dichlorobenzenes (total)	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloroethane	1.2-Dichloroethene	1,2-Dichloropropane	Dieldrin	Dimethyldisulfide	Hexachlorobenzene	Hydrazine Lindon	Malathion	Methyl chloride	Methylene chloride	Methyl ethyl ketone	4-Methylphenol	Monomethyl hydrazine		Naphthalene carbonitrile	n-Nitrosogimetnylamine PAHs	Acenaphthalene	Acenaphthene Benzo(a)pyrene
TABLE 6 INFANT TOTAL	1	71 INHALATION 52 (mg/kg/day) 8M		-	5 87F-12			-	2.04E-15	~	~	∵	.37E-1	-61E-1							4.66E-16	2.34E-17		1.47E-14		1.19E-16						.60E-1	.42E-1	-72E-1	A OF	256-1	35F-1	84E-1	-	.80E-1	-	1.61E-12	1.835-14	31E-1	7.31E-14
EXPOSURE	MAXIMUM	BREAST MILK (mg/kg/day)		1 125-16	2 42E-10	7 715.15	2 475-14	1 5/6-12	7.86F-15	5.64E-13	2.19E-18	2.83E-12	2.53E- 13	5.89E-12	2.30E-15	1 145-17	1 145-14	1.66F-16	6.17E-16	7.89E-18	1.41E-15	7.26E-17		4.64E-14	3.28E-17	2.07E-18	9.39E-17	1.82E-14	2.03E-1/	1.86E-17	61E-	-366-		38.	6.01E-17	90		21E-		27E-0	-	6.20E-12	.36E-1	-98E-1	2.35E-13
2		TOTAL (mg/kg/day)			0.00E-15		2 76-14	1 805-13	0 ONE-15	7.14F-13	1.89E-15	3.56E-12	3.27E-13	7.50E-12	2.99E-15	7.49E-13	1 .7c-17	9.75E-15	8.06E-16	4.62E-16	-	9.61E-17	_		1.92E-15	1.22E-16	.50E-	-99E-	726-	NOF-1	63E-1	4.68E-15	8.02E-14	5.30E-08	5.59E-1/	2 2005.15	1 385-12	6 49F-14	1.80E-14	6.29E-09	1.48E-15	7.80E-12	1.36E-11	71F-1	3.08E-13

Κ,	8	ပ	BH	81	ВЛ	
17		Chryseppe	7	1 075 41	1 705 /	
5		oll yacıle	1.4/E-14	4.03E-14	6.5UE-14	
20		Dibenzo(a,h)anthracene	1.47E-13	6.32E-13	7.79E-13	
63		Fluoranthene	1-47E-13	5.00F-13	6.475-13	
79		Flinana	1 75-16	100 H	. 4	
1				P. 07E- 14		
0		Phenanthrene			-	
99		Pyrene	2.94E-13	9.83E-13	1.28E-12	
67		Parathion		`	5	
68		Pentachlorobenzene	. ~	1 765-16	Z 54E-1/	
9		Bhonol	70000	- 10C- 1	10000	
1 6			Z.00E-10		3.385-13	
2		Pyridine	1.61E-12	-	1.64E-12	
7		Quinoline	1.65E-14	8.16E-14	9.82E-14	
22		Tetrachlorobenzene	8.86E-15	-	2.18E-14	
2		Tetrachloroethene	3.105-16	5 37F-18	3 15E-16	
77		Toluene	21-320-7	1 675-17	4 OSE-15	
75		Trichlorobenzene	71.307.7	2 ORE- 15	7 //45-15	
2		Trichloroethene	Z Z0E-1E	772.17	7 772 7	
12		House dimethyl hydretin	3.30E-13	71.35.17	2.300.0	
- 6		Unsylle, dilitering hydrazine	(- 11E - 11	3.18E-U8	3.18E-UB	
3			1.44E-16	5.51E-16	6.95E-16	
2		Vinyl acetate	2.04E-15	3.54E-17	2.08E-15	
8		Vinyl chloride	1.89E-15	3.28E-17	1.92E-15	
8		Xylenes (total)	.52E	2.04E-19	3.53E-16	
82						
83	S	INORGANICS				
8		Arsenic	1.94E-12	7	1.94E-12	
82		Cadmium	1.12E-14	뿔	1.12E-14	
86		Chromium (III)	4.98E-14	및	4.98E-14	
87		Chromium (VI)	1.75E-15	T.	1.75F-15	
88		Copper	7.37E-14	¥	7.37F-14	
8		Iron	1.79E-09	7	1 70F-00	
8		Lead	7.26E-14	! LL	7.26F-14	
6		Mercury	7.26E-14	2	7.26E-14	
8		Selenium	2.20E-13	2	2.20E-13	
93		Silver	1.00E-15	¥	1.00E-15	
76		Zinc	5.77E-13	¥	5 77F-13	
95			•	!		
8						
26						
8			- p		M3/day	
8			MQ			
100			E 5	1.00E+03 ug	gm/gu	
200						
104			Turkett and an alan	1		
2			Innatation dose = Cair *br/bW/ugmg	e = cair "br/r	My ugmg	

18-Jun-97	18-Jun-91 Average Maximum Transfer FARM background 18-Jun-91 Average Maximum Transfer FARM baily Inteke Driad Transfer Gonc. Conc.	2	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		E	ž	80	æ	BQ	
18-Jun-91 Norman	18-un-9 Aureage Having TF Average Maximum 15:15:22 Total Total Transfer Conc. C	BA	SE CASE	MOTHER'S MILI	C PATHWAY					
Control Cont	Canaly Canaly		18- Jun-9 15: 15: 35 FARR		DI Maximum Total Daily Intake (mg/kg/day)	TF Breast milk Transfer Factor	Average Breast milk Conc. mg/kg		Average Estimated Daily Intake mg/kg/day	- 0 L
Conditries	Autorities	Z	S			(day)				
1.00 1.00	1,000 1,00	AC	etone	4.39E-15		.89E	1.27E-15	1.27E	1.13E-	9
The control of the co	1.09E-15 1.09E-16 1.09E-17	7 4	etonirite rvionitrila	0.04E-11	•		2.68E-U9	2.72E	2.38E-1	Ō r
arial deliyate 2.17E-13 1.26E-15 4.09E-01 1.71E-11 1.70E-11 1.70E-	ine circle circl	AL	drin	71.595-12			0.0/E-14	8.0/E-14	/ . / IE-1	n v
ratine 2.10E-15 2.16E-15 4.09E-01 1.7EE-11 2.6EE-12 4.09E-01 1.7EE-11 2.6EE-13 4.09E-01 1.7EE-12 2.6EE-17 2.6EE	acide delayde	An	line	/ 175-12			1 745 13	3.00E-13	יייייייייייייייייייייייייייייייייייייי	0 0
1, 28e-15 1, 28e-15 1, 28e-16 1, 28e-17 2, 24e-17 2, 2	aldehyde (1.50E-13 1.55E-13 4.00E-01 6.15E-12 4.00E-01 oc. Aricle (1.50E-13 1.55E-13 4.00E-01 6.15E-12 4.00E-01 oc. Aricle (1.50E-13 4.00E-01 6.15E-12 2.46E-17 2.46E-17 2.46E-17 2.46E-17 2.52E-13 4.00E-01 6.45E-17 2.46E-17 2.52E-13 4.00E-01 6.45E-17 2.52E-13 4.00E-01 6.45E-17 2.52E-13 4.00E-01 6.45E-13 2.0E-01 1.44E-13 3.0E-17 2.0E-13 4.00E-01 1.44E-13 1.24E-13 4.00E-01 1.44E-13 1.24E-13 3.0E-17 2.0E-17 1.24E-13 1.24E-13 3.0E-17 2.0E-17 1.24E-13 1.22E-13 3.0E-17 3.0E-17 1.24E-13 1.22E-13 3.0E-17 3.0E-17 1.24E-13 1.22E-14 1.20E-17 1.24E-14 1.26E-14	At	razine	2 10F 15	•		8 585.17	8 855-17	7 425-1	U L
orderand colorable of the colorable of t	tene original control of the control	Be	nzaldehvde	1 50F-13	•		4 15E-12	4 2/2-12	7.02.7	N
orie facial control of 1.57E-13 7.77E-13 4.09E-40 3.08E-11 3.18E-11 orie facial control of 1.57E-14 6.95E-14 4.09E-40 2.75E-14 6.95E-14 6.	oriuran Oriuran Oriuran Oriuran Oriuran Oriuran Oriuran Oriuriacle Oriuran Oriuriacle Oriuran Oriuracle Oriuran Oriuracle Oriurac	Be	ızene	1.28F-15			2 46E-17	2 46E-17	2 105-1	2
out Arid child chi	out first contributed by Table 1.57E-14 (1.57E-14 (1.57E	Be	nzofuran	7.53E-13	,-		3 DRF-11	3 18F-11	2 76E-1	20
othiazote chilatotic c	onitrile of 157E-12 1.62E-12 4.09E-01 5.42E-11 5.55E ottiazote of 1.22E-12 4.09E-01 2.51E-14 2.59E ottiazote contrarote 6.42E-13 3.19E-14 4.09E-01 1.24E-13 1.28E or 10.0E-01 1.24E-13 1.28E-14 2.09E-01 1.28E-14 1.50E-14 1.50E-15 1.60E-15	Be	nzoic Arid	6. 73F-14			2 75E-12	2 8/E-12	2 756.1	J N
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thion 1.78E-16 1.72E-18 4.09E-01 5.87E-07 5.75E-19 4.09E-01 5.87E-07 5.87E-07 5.72E-18 4.09E-01 5.06E-16 5.16E-16 5.16E-11 5.16E-16 5.16E-11 5.16E-	thion 1.78E-17 1.78E-17 1.78E-17 1.52E-18 1.52E-19 1.52E-17 1.53E-17 1.55E-17	2	ratine	4.0.14		7.24E+00	7 077 07	4 025-13	24E-1	
thion 'I chloride thion 'I chloride '1.79E-17 (4.09E+01 5.06E-16 'I chloride 'I chl	٠.	Service Control of the Control of th	1.435-00			5.8/E-U/	2.925-07	22E-U		
l chloride chloride 1.52E-15 1.52E-15 2.89E-01 4.39E-16 4.39E-16 1.52E-15 1.52E-15 2.89E-01 4.39E-16 4.39E-16 1.52E-15 2.89E-01 4.39E-16 1.39E-16 1.52E-14 2.89E-01 2.65E-14 2.65E-14 1.68E-14 1.68E-14 1.68E-14 1.68E-14 1.68E-11 1.68E-11 1.68E-11 1.68E-11 1.68E-11 1.68E-11 1.68E-11 1.69E-11 1.69E-11 1.69E-11 1.69E-11 1.70E-09 1.72E-09 4.09E+01 1.69E-13 1.73E-14 1.70E-09 1.72E-09 4.09E+01 1.28E-14 1.32E-14 1	thouse the choride 1.52E-15 1.52E-16 2.89E-01 7.52E-16 7.62E-16 1.52E-15 2.89E-01 4.39E-16 7.62E-16 1.52E-15 2.89E-01 4.39E-16 7.68E-14 1.68E-14 1.68E-14 1.69E-11 2.68E-14 1.69E-11 1.69E-11 1.69E-11 1.70E-09 1.72E-09 4.09E+01 6.95E-08 1.70E-09 1.72E-09 4.09E+01 1.28E-14 1.69E-11 1.60E-11 1.69E-11 1.	- 6	dalle	7.485-18	-	4.09E+01	5.06E-16	3.16E-16	2.72E-17	
Viene chloride 1.52E-15 2.89E-01 4.39E-16 4.39E-16 4.49E-16 4.40E-16 1.52E-15 2.89E-01 4.39E-16 4.39E-16 4.39E-16 4.40E-14 6.86E-13 6.98E-13 6.98E-13 6.98E-13 6.98E-13 6.98E-13 6.98E-13 1.73E-16 4.09E+01 6.98E-13 1.73E-13 1.72E-16 4.09E+01 1.69E-13 1.73E-13 1.72E-16 3.22E-16 4.09E+01 1.28E-14 1.32E-14 1.32E-15 1.32E-	The chloride 1.52E-15 1.58E-15 2.89E-01 4.39E-16 7.1 chloride 1.52E-15 2.89E-01 4.39E-16 7.1 chloride 1.68E-14 1.71E-14 2.89E-01 2.65E-14 7.1 chloride 1.68E-14 1.71E-14 4.09E-01 1.69E-13 1.70E-09 1.72E-09 4.09E+01 1.69E-13 1.70E-09 1.72E-09 4.09E+01 1.28E-14 1.69E-11 1.28E-14 1.65E-12 1.70E-12 4.09E+01 1.28E-14 1.65E-12 1.70E-12 4.09E+01 1.50E-10 1.50E-10 1.50E-10 1.50E-10 1.50E-10 1.50E-10 1.69E-11 1.50E-10 1.69E-11 1.50E-10 1.69E-11 1.50E-10 1.69E-11 1.50E-10 1.69E-11 1.69E-11 1.69E-11 1.69E-12 1.69E-12 1.69E-11 1.69E-12 1.69E-12 1.69E-12 1.69E-11 1.69E-12 1.69E-12 1.69E-12 1.69E-12 1.69E-13 1.69E	ום ל	atinon had ablanta	1.79E-17		4.09E+01	7.32E-16	7.58E-16	50E-1	
Vene chloride 9.17E-14 9.17E-14 2.89E-01 2.65E-14 2.65E-14 2.4 1.4 ethyl ketone 1.68E-14 1.71E-14 4.09E+01 6.86E-13 6.98E-13 6.98E-13 4.24E-15 4.09E+01 1.69E-13 1.73E-13 1.73E-13 1.72E-09 4.09E+01 1.69E-13 1.73E-13 1.73E-13 1.72E-09 4.09E+01 1.69E-14 1.32E-14 1.32E-14 1.65E-12 1.76E-12 4.09E+01 1.28E-14 1.32E-14 1.32E-14 1.65E-12 1.76E-12 4.09E+01 1.50E-10 1.53E-14 1.53E-10 1.65E-14 1.53E-14 1.50E-14 1.50E-14 1.53E-15 1.53E-10 1.55E-14 1.55	Vere chloride 9.17E-14 9.17E-14 2.89E-01 2.65E-14 1.64E-14 1.71E-14 4.09E+01 6.86E-14 1.64E-14 1.71E-14 4.09E+01 6.86E-13 1.64E-15 4.09E+01 1.69E-13 1.70E-09 1.72E-09 4.09E+01 1.69E-13 1.70E-09 1.72E-09 4.09E+01 1.28E-14 1.65E-12 1.70E-12 4.09E+01 1.28E-14 1.65E-12 1.70E-12 4.09E+01 1.50E-10 1.65E-12 1.70E-14 4.09E+01 1.50E-10 1.65E-14 1.64E-14 4.09E+01 1.50E-12 1.64E-14 1.64E-13 1.61E-13 4.09E+01 1.56E-12 1.64E-13 1.61E-13 4.09E+01 4.27E-12 1.64E-12 1.64E-13 1.61E-13 4.09E+01 1.67E-12 1.64E-12 1.64E-13 1.64E-14 1.76E-15 1.64E-14 1.76E-15 1.64E-14 1.76E-15 1.64E-14 1.76E-15 1.64E-15 1.64E-1	e	nyl chloride	1.52E-15			4.39E-16	4.39E-16	90E-1	
// ethyl ketone	// ethyl ketone 1.68E-14 1.71E-14 4.09E+01 6.86E-13 (14bylphenol 4.13E-15 4.24E-15 4.09E+01 1.69E-13 (156E-13 1.70E-09 1.72E-09 4.09E+01 6.95E-08 (176E-09 1.70E-19 4.09E+01 1.28E-14 1.65E-12 1.70E-12 4.09E+01 1.28E-14 1.65E-12 1.70E-12 4.09E+01 1.50E-10 3.67E-12 3.73E-14 4.09E+01 3.25E-12 6.24E-14 6.47E-14 4.09E+01 3.25E-12 6.24E-14 6.47E-14 4.09E+01 2.56E-12 1.04E-13 1.61E-13 4.09E+01 4.27E-12	<u>.</u>	hylene chloride	9.17E-14	<u>.</u>		2.65E-14	2.65E-14	35E-1	
thylphenol 4.13E-15 4.24E-15 4.09E+01 1.69E-13 1.73E-13 1 nethyl hydrazine 1.70E-09 1.72E-09 4.09E+01 6.95E-08 7.05E-08 6 1.70E-09 1.72E-16 4.09E+01 1.28E-14 1.32E-14 1.55E-14 1.55E-15 1.55E-14 1.55E-15 1.55E-1	thylphenol 4.13E-15 4.24E-15 4.09E+01 1.69E-13 nethyl hydrazine 1.70E-09 1.72E-09 4.09E+01 6.95E-08 1.70E-09 1.72E-09 4.09E+01 6.95E-08 1.81E-16 3.22E-16 4.09E+01 1.28E-14 1.65E-12 1.70E-12 4.09E+01 6.76E-11 3.67E-11 3.73E-12 4.09E+01 1.50E-10 6.24E-14 8.19E-14 4.09E+01 3.25E-12 6.24E-14 6.47E-14 4.09E+01 2.56E-12 1.04E-13 1.61E-13 4.09E+01 4.27E-12	ē	hyl ethyl ketone	1.68E-14			6.86E-13	6.98E-13	10E-1	
nethyl hydrazine 1.70E-09 1.72E-09 4.09E+01 6.95E-08 7.05E-08 chalene 3.12E-16 3.22E-16 4.09E+01 1.28E-14 1.32E-14 thalene carbonitrile 1.65E-12 1.70E-12 4.09E+01 6.76E-11 6.97E-11 ctrosodimethylamine 3.67E-12 3.73E-12 4.09E+01 1.50E-10 1.53E-10 1.53E-10 1.50E-01 3.25E-12 2.55E-12 2.55E-12 2.55E-12 2.55E-12 2.55E-13 2.5E-13 2.55E-13 2	halene arbonitrile 3.22E-16 4.09E+01 6.95E-08 5.12E-16 3.22E-16 4.09E+01 1.28E-14 1.65E-12 1.70E-12 4.09E+01 1.28E-14 1.65E-12 1.70E-12 4.09E+01 1.50E-11 2.50E-11 2.50E-11 2.50E-11 2.50E-12 3.73E-12 4.09E+01 3.25E-12 6.24E-14 6.47E-14 4.09E+01 2.56E-12 1.04E-13 1.61E-13 4.09E+01 4.27E-12	-	ethylphenol	4.13E-15	4.24E-		1.69E-13	1.73E-13	50E	
thalene carbonitrile 3.22E-16 4.09E+01 1.28E-14 1.32E-14 1.32E-14 1.32E-14 1.32E-14 1.32E-14 1.32E-14 1.32E-14 1.32E-14 1.32E-11 6.97E-11 6.97E-11 6.97E-11 6.97E-11 1.50E-10 1.53E-10 1.53E-10 1.53E-10 1.53E-10 1.53E-10 1.53E-10 1.53E-11	thalene carbonitrile 3.12E-16 4.09E+01 1.28E-14 1.50E-12 1.70E-12 4.09E+01 6.76E-11 1.50E-11 1.50E-12 1.04E-11	6	omethyl hydrazine	1.70E-09	1.72E-		6.95E-08	7.05E-08	18E	
thalene carbonitrile 1.65E-12 1.70E-12 4.09E+01 6.76E-11 6.97E-11 6.97E-11 1.50E-10 1.53E-10 1.50E-10 1.55E-10 1.50E-10 1.55E-10 1.50E-10 1.55E-10 1.50E-10 1.50E-10 1.50E-10 1.50E-11 2.55E-12 2.50E-14 6.09E+01 3.25E-12 3.35E-12 2.50E-14 6.09E+01 3.55E-12 3.55E-12 2.50E-14 6.00E+01 3.55E-12 3.55E-12 2.50E-14 6.00E+01 3.55E-12 3.55E-12 2.50E-14 6.00E+01 3.55E-12 3.55E-12 3.50E-14 6.00E+01 3.50E-12 3.55E-12 3.50E-14 6.00E+01 3.50E-12	thalene carbonitrile 1.65E-12 1.70E-12 4.09E+01 6.76E-11 6.97E-1 1.50E-01 1.50E-11 6.97E-1 1.50E-01 1.50E-01 1.55E-0 1.55E-01 1.50E-01 1.55E-01 1.55E-01 1.55E-01 1.55E-01 1.55E-01 1.50E-01 1.5	ap		3.12E-16	3.22E-		1.28E-14	1.32E-14	37L	
trosodimethylamine 3.67E-12 3.73E-12 4.09E+01 1.50E-10 1.53E-10 1 senaphthalene 7.94E-14 8.19E-14 4.09E+01 3.25E-12 3.35E-12 2	trosodimethylamine 3.67E-12 3.73E-12 4.09E+01 1.50E-10 1.53E-1 cenaphthalene 7.94E-14 8.19E-14 4.09E+01 3.25E-12 3.35E-1 cenaphthene 6.24E-14 6.47E-14 4.09E+01 2.56E-12 2.65E-1 snzo(a)pyrene 1.04E-13 1.61E-13 4.09E+01 4.27E-12 6.59E-1	8	;	.65E-1	-70E-		6.76F-11	97F-1	17	
cenaphthalene 7.94E-14 8.19E-14 4.09E+01 3.25E-12 3.35E-12 2 cenaphthene 6.24E-14 6.27E-14 4.09E+01 2.56E-12 2.4E-12	cenaphthalene 7.94E-14 8.19E-14 4.09E+01 3.25E-12 3.35E-1 cenaphthene 6.24E-14 6.47E-14 4.09E+01 2.56E-12 2.65E-1 snzo(a)pyrene 1.04E-13 1.61E-13 4.09E+01 4.27E-12 6.59E-1	7	trosodimethylamine	.67E-1	3E-	• •	1.50E-10	53E-1	1.34E-11	
ne 7.94E-14 8.19E-14 4.09E+01 3.25E-12 3.35E-12 2	ne 7.94E-14 8.19E-14 4.09E+01 3.25E-12 3.35E-1 6.24E-14 6.47E-14 4.09E+01 2.56E-12 2.65E-1 ne 1.04E-13 1.61E-13 4.09E+01 4.27E-12 6.59E-1	Ä	S							
6.24F-14 6.47F-14 4.00F+01 2.54F-12 2.54F-12	6.24E-14 6.47E-14 4.09E+01 2.56E-12 2.65E-1 ne 1.04E-13 1.61E-13 4.09E+01 4.27E-12 6.59E-1		Acenaphthalene	7.94E-14	8.19E-14	4.09E+01	25E-1	.35E-1	.89E-1	
0.554 14 0.544 14 14.075-16 6.005-16 6.005-16 6	1.04E-13 1.61E-13 4.09E+01 4.27E-12 6.59E-1		Acenaphthene	6.24E-14	6.47E-14	4.09E+01	56E-1	.65E-1	2.27E-13	

A 2		BL TABLE 7	8W	N.	80	dg da	g g	Y C
19	Chrysene	1.16E-14	1.33E-14	4.09E+01	4.76E-13	5.43E-13	4.23E-14	4.83E-14
	Ulbenzo(a,n)anthracene	1.06E-15	1.746-13	4.09E+01	4.55E-12	7.17E-12	5.8/E-15	6.52E-13
	Fliorene	1 355-14	1 405-14	4.09E+01	5,575-13	5 735-13	4.725-13	5 00E-12
	Phenanthrene	4.90E-17	5.10E-17	4-09E+01	2.01E-15	2.09E-15	1.78E-16	1.86E-16
	Pyrene	2.55E-13	2.70E-13	4.09E+01	1.05E-11	1.116-11	9.29E-13	9.83E-13
	Parathion	3.13E-17	3.24E-17	4.09E+01	1.28E-15	1.33E-15	1.14E-16	1.18E-16
	Pentachlorobenzene	2.05E-14	2.14E-14	9.24E+00	1.89E-13	1.98E-13	1.68E-14	1.76E-14
	Phenol	8.53E-16	8.50E-16	4.09E+01	5.47E-14	5.48E-14	3.03E-15	3.09E-15
	Pyriaine	1.09E-12	1.0%E-12	Z.89E-UI	3. 145-13	3. I4E- 13	7. OFF 14	Z. /YE- 14
	Totrochtonochtonoch	7 5/5 14	4 - 242- 14	4.09E+01	4 / 2F 12	7. ISE-15	1 225 14	8 TOE - 14
	Tetrachlorosthoro	2 005-14	2 00r 14	2 80F 01	1.46E-13	405-13	F 275 19	E 275 16
	Tolund	7 7/F 1F	2.09E-10	Z.09E-01	0.UDE-1/	4 (4F 46	7.5/E.10	7.3/E-10
	Tricklenshonsons	2 /or 15	2 427 45	4.01E-02	2 325 47	7 2EE - 16	7 075 15	1.406 6
	Tricklonether	3 337 45	2,025-13	7.24E+00	7. 757 14	5.33E-14	C -2/0.7	Z. 70E- I
	They dimethy hydroxine	6 405-15	6 77F 00	Z.09E-UI	2 525-07	17	7 12E-17	2 10F O
	Veneral difference inyarazine	4 /7F 16	0.73E-09	4.095+01	3.36E-08	2 0	5. 13E-00	3. IOE-UC
	Vaporia	01-114-10	01-376-10	4.095401	2 001 17	200		7.7.1
	Vinyl acetate	1.58E-15	1.58E-15	2.89E-U1	3.98E-16	2 6		3.54E-7
	Vinyl chloride	1.28E-15	1.285-15	2.89E-UI	3.09E-10	3.09E-10	3.285-17	3.28E-17
	vyteries (totat)	Z.30E-10	C.30E-10	מענ	61-262-7	2		2.045-13
=	INORGANICS							
•	Arsenic	1.36E-12	1.59E-12	AN		0.00E+00	0.00E+00	0.00E+0
		7.83E-15	8.31E-15	AN	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Chromium (III)	3.37E-14	3.37E-14	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Chromium (VI)	1.19E-15	1.19E-15	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Copper	5.04E-14	5.04E-14	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Iron	1.21E-09	1.21E-09	NA A	0.00E+00	0.00E+00	0.00E+00	0.00E+0C
	Lead	4.91E-14	4.91E-14	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Mercury	6.66E-14	7.92E-14	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Selenium	1.49E-13	1.49E-13	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	Silver	6.80E-16	6.80E-16	NA A	0.00E+00	0.00E+00	0.00E+00	0.00E+0(
	Zinc	3.92E-13	3.92E-13	NA NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00
			TF = 0.8*0.04/0.3/k	0.3/k				
			Breast Milk = DI*TF(da EDI = BMC*IR/BW(infant)	= DI*TF(day) 'BW(infant)				
			8.00F-01	ngestion Rat	e (ka/dav)			
			9.00E+00 B	9.00E+00 Body Weight (kg) - infant	kg) - infant			
			HALF LIVES	~				
			0.33	2.08E+00	Acrylonitrile			
			0,20	2.89F-03	Benzene			
			120		001			
			1.875		1,1-DCE & Pheno	7		
			266		Dieldrin			
			0212		Dioxin Hexachiorobenzene	du		
			0.3125		Toluene			

	EDI CHILD AVERAGE ESTIMATED DAILY INTAKE mg/Kg/day	1.70E-11 1.33E-20 1.07E-15 3.84E-14 3.84E-14 1.12E-14 1.12E-14 1.30E-17 3.06E-17 3.06E-17 3.06E-17 3.06E-10 3.06E-10 6.41E-09 3.06E-10 6.77E-18 8.34E-14 8.34E-16 6.85E-16 8.14E-16 6.85E-16 8.14E-16 8.14E-16 8.14E-16 8.34E-16 8.34E-16 8.34E-16 8.34E-16	57E- 04E- 95E- 66E- 30E-
	EDI ADULT AVERAGE ESTIMATED DAILY INTAKE mg/Kg/day	7.16e-12 7.70e-14 7.70e-14 7.70e-14 7.66e-17 7.66e-17 7.56e-17 7.56e-17 7.76e-20 7.77e-15 7.78e-20 7.78e-20 7.78e-20 7.78e-10	3.19E-17 8.60E-16 2.51E-17 1.96E-17 1.39E-09
	Ct AVERAGE CONC ON PLANT mg/Kg	8.70E-09 6.80E-18 6.80E-18 7.49E-17 1.97E-11 1.97E-11 1.97E-17 1.56E-16 4.07E-17 1.56E-16 1.56E-17 1.56E-17 1.89E-17 1.26E-17 1.26E-13 1.26E-14	3.88E-14 1.04E-12 3.05E-14 2.39E-14 1.69E-06
	CS AVERAGE CONC. ON PLANT SURFACE mg/Kg	4.10E-12 6.37E-18 7.142E-13 7.142E-13 7.16E-13 7.16E-14 7.102E-14	15E-1 19E-1 13E-1
	CU AVERAGE CONCDUE TO UPTAKE mg/Kg	8.69E-09 4.38E-19 5.33E-14 1.96E-11 1.96E-11 1.96E-11 1.28E-12 2.29E-18 3.29E-18 4.59E-16 4.59E-16 4.59E-17 4.59E-17 4.59E-17 4.28E-17	3.86E-14 1.03E-12 2.43E-14 2.07E-14 1.69E-06
	PUF PLANT UPTAKE FACTOR	3.68E+00 7.19E-04 7.07E-01 7.07E-01 7.02E-01 7.02E-01 7.02E-01 7.02E-01 7.02E-01 7.02E-01 7.02E-01 7.03E-02 7.03E-01 7.03E-02 7.03E-02 7.03E-03 7.03E-	3.32E-01 1.55E-01 6.82E-03 1.15E-02 5.91E+01
	C soil AVERAGE CALCULATED CONC IN SOIL .2M mg/Kg	2.37E-09 3.67E-15 6.06E-11 2.95E-10 6.06E-11 1.63E-13 1.63E-13 1.63E-13 1.63E-14 1.63E-14 1.63E-14 1.78E-12 5.74E-10 6.72E-12 6.72E-12 6.72E-13 1.72E-13 1.72E-13 6.74E-10 7.26E-09 1.22E-13 6.37E-12 7.26E-09 1.67E-10 7.26E-13 6.37E-11 7.26E-09 1.67E-11 7.26E-13 6.37E-11 7.26E-13 7.26E-13 7.26E-14 7.26E-14	1.16E-13 6.66E-12 3.57E-12 1.81E-12 2.86E-08
	D DRY DEPOSITION RATE 9/M2/yr	2.76E-17 2.00E-14 2.00E-14 1.47E-12 3.24E-17 3.24E-17 1.58E-11 1.66E-14 1.66E-14 1.66E-14 1.66E-14 1.77E-10 2.53E-14 1.77E-10 1.77E-10 1.44E-12 1.44E-12 1.44E-12 1.44E-13 1.44E-	2.83E-15 1.62E-13 8.69E-14 4.40E-14 6.97E-10
	18-Jun-91 15:15:33	hthalate ne trile nine nracene	Irazine
	ORGANICS	Arcetonitrile Arcetonitrile Atlaine Atline Atrazine Benzaldehyde Benzonitriic Benzonitriic Benzothiazole Bis(2-ethylhexyl)phthalate Carbazole 4-Chlorobiphenyl Chlorobiphenyl Chlorobiphenyl Chlorobiphenyl Chlorobiphenyl A,4-Chlorobiphenyl Chlorobiphenyl A,4-Chlorobiphenyl Chlorobiphenyl Chlorobiphenyl A,4-Chlorobiphenyl A,4-Chlorobiphenyl Malathion Malathion Malathion Malathion Malathion Malathion Aschlorobenzene Naphthalene Carbacinethyl hydrazine Naphthalene Carbacinethyl hydrazine Naphthalene Chrysene Chrysene Chrysene Chrysene Phenanthrene Phenanthrene Phenanthrene Phenathion Pentachlorobenzene	Pnenol Quinoline Tetrachlorobenzene Trichlorobenzene Unsym. dimethyl hydrazine
20	25 25 25 25 25 25 25 25 25 25 25 25 25 2	132 133 133 133 133 133 133 133 133 133	12222

×	3.19E-15 9.47E-17 7.84E-16	ADITOM ADUT F K t V V VSDF HG Secyr mgg
٦	1.34E-15 4.00E-17 3.31E-16	JRCE.
-	1.63E-12 4.86E-14 4.02E-13	N RATE ,Kg/da S/Kg FROM RURAL S YF
æ	1,35E-12 7,84E-15 5,07E-14	CHILD 3.36E-02 TOMATO INGESTION RATE ,Kg/day 1.55E+01 BODY WEIGHT, KG 6.80E-02 r tomato 5.78E-07 k tomato, 1/s 3.89E+06 t tomato, 8/M2 7.85E+04 VSDF tomato, Kg/M2 7.85E+04 VSDF tomato, M2s/Kg 9.00E-01 FRACT. CONSUMED FROM RURAL SOURCE. 3.15E+07 sec/yr 1.00E+03 mg/g 1.00E+03 mg/g CS = VSDF*Deposition*mgg/secyr CU = PUF*Csoil EDI = (Ct)*ADITOM*HG/ADWT
g	2.81E-13 4.07E-14 3.51E-13	CHILD 3.56E-02 TOWATO INGES 1.55E+01 BODY WEIGHT, 6.80E-02 r tomato 5.78E-07 k tomato, s 1.54E+00 Y tomato, kg 7.85E+04 VSDF tomato, kg 7.85E+04 VSDF tomato, kg 7.85E+04 VSDF tomato, kg 7.85E+04 VSDF tomato, kg 7.85E+07 Sec/yr 1.00E+07 Sec/yr 1.00E+07 sec/yr 1.00E+07 sec/yr CS = VSDF*Deposition*mgg/ CS = VSDF*Deposition*mgg/ CU = PUF*Csoil
u.	3.60E-04 9.00E-03 1.20E-02	ADULT 6.40E-02 7.00E+01 6.80E-02 5.78E-07 3.89E+06 7.85E+04 7.85E+07 1.00E+03
ш	7.80E-10 4.52E-12 2.93E-11	
D TABLE 8	1.90E-11 1.10E-13 7.12E-13	
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B BASE CASE	INORGANICS Arsenic Cadmium Mercury	
		188 188 188 188 188 188 188 188 188 188

	TO UPTAKE mg/Kg	9-6-		<u> </u>	<u> </u>												11 3.93E-11 11 4.48E-13	2	<u> </u>	ī,	14 5.59E-12	4 4	<u> </u>	9 :	<u> </u>	~	<u> </u>
PLA	FACTOR	3.68E+00 8.82E	7.02E-01	3.23E-01	6.60E-02	2.91E-01	2.02E-05	2.03E-01		3.19E-01	3.23E-01	1.57E-03	1.45E+02 2.85E-02	4.92E-02 4	1.75E-01	2.66E-02 3.		1.02E-02 3.	1.24E-02 3.72E-	1.02E-03 6.14E-	2.19E-03 1.31E-	6.73E-03 4.04E-	2.31E-03 2.77E-	1.44E-02 2.14E-	3.32E-01 3.92E-	1.55E-01 1.05E-	1.15E-02 2.10E-
TABLE 9 TOMATO CONSUMPTION - MAXIMUM DRY MAXIMUM DEPOSITION CALCULATED PL		5.76E-11 2.40E-09 8.94E-17 3.73E-15	24	- ~ ~	NN	- rJ	٠٠ ×	t LO 1	v 9	m m	**) M	o N.	vo «+	+ C			E-13	E-13 E-12	E-13	1.44E-12 6.00E-11	E-13 E-16	12	-16	٠ ٠	-13	14:

-	9.29E-14 6.16E-16 4.16E-15	AD I TOM ADWT	C X + >	VSDF HG Secyr mgg	
v	3.92E-14 2.60E-16 1.75E-15			source.	
œ	4.76E-11 3.16E-13 2.13E-12	ION RATE ,Kg/d8 (G	6.80E-02 r tomato 5.78E-07 k tomato, 1/s 3.89E-06 t tomato, s.	7.85E+04 VSDF tomato, MZs/Kg 9.00E-01 FRACT. CONSUMED FROM RURAL SOURCE. 3.15E+07 sec/yr 1.00E+03 mg/9	scyr
œ	4.73E-11 2.74E-13 1.77E-12	TOMATO INGEST	tomato, 1/s tomato, s tomato, Ka//	.85E+04 VSDF tomato, M2s/Kg .00E-01 FRACT. CONSUMED FROM .15E+07 sec/yr .00E+03 mg/9	VSDF = r*(1-e) Y*k Cs = VSDF*Deposition*mgg/secyr Cu = PUF*Csoil EDI = (Ct)*ADITOM*HG/ADWT
۵	2.85E-13 4.13E-14 3.56E-13	CHILD 3.36E-02 1 1.55E+01 E	6.80E-02 r 5.78E-07 r 3.89E+06 r	7.85E+04 V 9.00E-01 F 3.15E+07 S 1.00E+03 n	-kt VSDF = r*(1-e) Y*k Cs = VSDF*Deposition*mgg/ Cu = PUF*Csoil EDI = (Ct)*ADITOM*HG/ADWT
0	3.60E-04 9.00E-03 1.20E-02	ADULT 6.40E-02 7.00E+01	6.80E-02 5.78E-07 3.89E+06 1.34E+00	7.85E+04 9.00E-01 3.15E+07 1.00E+03	> 000
2	7.92E-10 4.59E-12 2.97E-11				
M TABLE 9	1,90E-11 1,10E-13 7,12E-13				
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B BASE CASE	INORGANICS Arsenic Cadmium Mercury				
117	8 2 8 2 8	183 183 185	188 188 189	192	196 197 198 198

	÷	ORGANICS	Aldrin	Aniline Atrazine	Benzaldehyde	Benzofuran Benzoic Acid	Benzonitrile	Benzothiazole	bistretnythexytyphthatate	4-Chloroaniline	4-Chlorobiphenyl	4,4-Chlorobiphenyl	Dibenzofuran	1,2-Dichloroethane	Uletarin Hexachiorobanzana	Hydrazine	Lindane	Malathion	4-Methylphenol	Monomethyl hydrazine	Naphthalene	naphthatene carbonitrile n-Nitrosodimethylamine	PAHS	Acenaphthalene	Benzo(a)pyrene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Prenantriene Pyrene	Parathion	Pentachlorobenzene	Phenol	Wulnotine Tetrachlorobenzene	Trichlorobenzene	lineum dimethrel hadrening
3	18-Jun-91 15:15:33 Di						:		nalate													71.e					cene									2 ine
LETITUCE CONSUMPLION	D DRY DEPOSITION RATE 9/M2/yr	177	3.76E-11 8.94E-17	3.24E-12	1.47E-12	7.17E-12	1.58E-11	6.72E-15	3.96E-15	1.85E-15	4.57E-15	2.30E-16	1.44E-13	1-66E-14	1.64E-16	5.61E-10	7.63E-17	2.25E-16	2.78E-14	- (-	-	1.58E-11		7.17E-13	1 44F-12	1.44E-13	1.44E-12	1.44E-12	1.44E-13	5.61E-16	3.57E-16	1.77E-13	2.83E-15	1.62E-13 8.60E-16	4.40E-14	6 07E-10
UMPIIUN - AVEKAGE	C soil AVERAGE CALCULATED CONC IN SOIL .2M mg/Kg	1	3.67E-15	1.33E-10 8 22E-12	6.06E-11	2.95E-10	6.47E-11	2.76E-13	1.63E-13	7.62E-14	1.88E-13	9.44E-15	5.91E-12	6.81E-13	6.74E-15	2.30E-08	3.13E-15	9.26E-15	1.14E-12	7.26E-09	1.22E-13	6.47E-10	1.0.1	2.95E-11	5 015.11	5.91E-12	5.91E-11	5.91E-11	5.91E-12	2.30E-14	1 47F-14	7.26E-12	1.16E-13	6.66E-12	1.81E-12	2 945 00
KAGE	PUF PLANT UPTAKE FACTOR		3.06E+00 9.93E-05																					8.48E-03	7 48E-04	8.53F-04	3.30E-04	1.83E-03	5.60E-03	4.35E-03	1 20F-02	2.20E-03	2.77E-01	1.29E-01	9.56E-03	1 075.04
	CU AVERAGE CONC.DUE TO UPTAKE mg/Kg		7.25E-09 3.65E-19	7.78E-11	1.63F-11	1.62E-11	4.75E-12	3.66E-14	2.74E-18	3.20E-14	5.25E-16	1.07E-17	1 - 79E - 12	1.83E-13	3,33E-18	2.33E-14	7.43E-17	3.79E-16	1.57E-12	8.64E-07	2.72E-15	1.44E-11	100.0	2.50E-13	3.05E-13	5.04F-15	1.95E-14	1.08E-13	3.31E-14	1.00E-16	1 745-14	1.60E-14	3.22E-14	8.61E-13	1.73E-14	
	CS AVERAGE CONC. ON PLANT SURFACE mg/Kg		8.24E-12 1.28E-17	4.64E-13	2,115-13	1.03E-12	1.03E-13	9.62E-16	5.68E-16	4.64E-15 2.65E-16	6.54E-16	3.29E-17	2.34E-14	2.376-15	2.35E-17	8 03F-11	1.09E-17	3.23E-17	3.98E-15	2.53E-11	4.27E-16	2.26E-12	1.7.1	1.03E-13	1.05E-13	2.00E-13	2.06E-13	2.06E-13	2.06E-14	8.03E-17	4. ICE- 13 E 11E-17	2.53E-14	4.05E-16	2.32E-14	6.30E-15	100
	Ct AVERAGE CONC ON PLANT mg/Kg		7.25E-09	7.82E-11	1.65F-11	1.72E-11	4.85E-12	3.76E-14	5.70E-16	3.66E-14	1.18E-15	4.36E-17	1.81E-12 6.75E-14	1.86E-13	2.68E-17	2 74E-14	8.52E-17	4.12E-16	1.58E-12	8.64E-07	3.14E-15	1.66E-11	3.7.5	53E-	USE-	57F-	26E-	14E-1	38E-1	1.80E-16	97E-1	13E-1	26E-1	84E-1	26F-1	100
	EDI ADULT AVERAGE ESTIMATED DAILY INTAKE mg/Kg/day		1.11E-12 2.01E-21	1.20E-14	2,575-15	2.64E-15	7.43E-16	5.75E-18	8.73E-20	5.60E-18	1.80E-19	6.66E-21	1 03F-17	2.84E-17	4.10E-21	4 10F-10	1.30E-20	6.30E-20	-41E-	32E-	.81E-	2.54E-15 5.4E-15	100	39E-	74E-	17E	121	30E-	22E-	2.76E-20	7	25E-	38E-	- SE	H H	1 1
	EDI CHILD AVERAGE ESTIMATED DAILY INTAKE mg/Kg/day		5.22E-13 9.48E-22	5.63E-	1 105.	1.24E	3.49E-	2.71E-	4.11E-	2.64E-	8.49E-	3.14E-	1.50E-	1.34E-	1.93E-	1 07E-	6.14E-	2.96E-2	1.13E-1	6.22E-1	2.26E-1	1.20E-1	E-3/E-	2.54E-	2.94E-	1 855.	1.62F-	2.26E-	3.87E-	1.30E-20	1 636.	2.97E-1	2.34E-1	6.37E-1	1.70E-1	1 1

BASE CASE	INORGANICS Arsenic	Cadmium																		
V TABLE 10	1.90E-11	1.10E-13 7.12E-13																		
3	7.80E-10	4.52E-12	ריייי																	
×	2.00E-03	2.75E-02	1.30L 0E	ADULT	1.19E-02	7.00E+01	1.50E-01	5.78E-07	5.62E+06	1.58E+00	1.58E+05	9.00E-01	3.15E+07	1.00E+03		>		Ö	Ö	₩
>	1.56E-12	1.24E-13	1.364 16	CHILD	1.24E-03 L	1.55E+01 B	1.50E-01 r	5.78E-07 k	5.62E+06 t	1.58E+00 y	1.58E+05 \		3.15E+07 s	1.00E+03 m		VSDF = r*(1-e)	*	s = VSDF*Depo	u = PUF*Csoil	*(n)+s) = I(
Z	2.72E-12	1.58E-14	1.025		ETTUCE INGEST	55E+01 BODY WEIGHT, KG	· lettuce	lettuce, 1/s	lettuce, s	lettuce, Kg/M2	VSDF lettuce, M2s/Kg	RACT. CONSUME	sec/yr	mg/g	-kt	~		Cs = VSDF*Deposition*mgg/secyr		EDI = (Cs+Cu)*ADILET*HG/ADWT
AA	4.28E-12	1.40E-13	31 -17E- 12		.24E-03 LETTUCE INGESTION RATE ,Kg/day	9				M2	M2s/Kg	FRACT. CONSUMED FROM RURAL SOURCE						cyr		-
AB	6.55E-16	2.14E-17	6.175-10				_	_	•		-		9.							
AC	3.08E-16	1.01E-17	1.025-10		DILET	ADWT	,				VSDF	HG	secyr	ugg						

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BASE CASE	AO TABLE 12	_ ~	AР	AQ	AR	AS	ΑŢ	AU
NORGANICS								
Arsenic	7.8	0E-10			7.20E-04	5.62E-13	4.72E-16	1.01E-15
Cadmium	4.5	2E-12			1 ROF-02	8 14F-14	6 84E-17	1 475-16
Mercury	2.9	2.93E-11			2.40E-02	7.02E-13	5.90E-16	1.27E-15
			ADULT	CHILD				
		Foc	1.42E-02	1.42E-02	1.42E-02 SOIL ORGANIC CARBON CONTENT	ARBON CONTENT		
	•	ADICAR	0.0653	0.0311	CARROT INGESTIC	0.0311 CARROT INGESTION RATE . Kg/day		
		ADWT	7.00E+01	1.55E+01	BODY WEIGHT. KO			
		皇	9.00E-01	9.00E-01	FRACTION OF CAR	9.00E-01 FRACTION OF CARROTS HOMEGROWN		
			2	ACBUETO 821	Ca(BCE-0 83) = 0 77100 Km. 1 E3	£2		
			2	RUF = RCF	MOV 6011110 -	26.1		
				(Koc*Foc)				
			5	olant = RUF*	Soil			
			Ш	oI = C plant	* ADICAR * HG	EDI = C plant * ADICAR * HG / ADWT		
			T	OI (total) =	DI tomato + DI	lettuce + DI	cariot	

		ORGANICS	Acetonitrile Aldrin	Aniline	Atrazine	Benzofuran	Benzoic Acid	Benzonitrile	Benzothlazole	Carbazole	4-Chloroaniline	4-Chlorobiphenyl	4,4-Chlorobiphenyl	Chloroethane	1.2-Dichloroethane	Dieldrin	Hexachlorobenzene	Hydrazine	Malathion	Methyl ethyl ketone	4-Methylphenol	Monomethyl hydrazine	Naphthalene	Naphthalene car	n-Nitrosodimetnylami pAHs	Acenaphthalene	Acenaphthene	Benzo(a)pyrene	Chrysene	Dibenzo(a,h)anthra	Fluoranthene	rluorene	Prenanturene	Parathion	Pentachlorobenzene	Phenol	Quinoline	Tetrachlorobenzene	Uncom dimothyl
	18-Jun-91 15:15:33								oto lehthal ly	-	ā	J/L	enyl		hane		ene			etone		razine		carbonitrile	hytamıne	ene	· w	ene)anthracene	o		a)		zene			sene	dimothyl hydroning
CANADI CONSORILITON	C SOIL MAXIMUM CALCULATED CONC IN SOIL .2M mg/Kg		2.40E-09 3.73E-15	1.35E-10	8.34E-13	2 005-10	3.01E-11	6.57E-10	2.80E-13	1 355-15	7.735-14	1.90E-13	9.58E-15	6.82E-12	6.00E-12	6.84E-15	1.81E-11	2.34E-08	5.18E-15	1 145-15	1.05E-12	7.37E-09	1.24E-13	6.57E-10	7-49E-12	2,00F-11	2.99E-11	6.00E-11	6.00E-12	6.00E-11	6.00E-11	6.00E-12	2.34E-14	1.605-10	7.37E-12	1.18E-13	6.76E-12	3.62E-12	1.83E-12
MONTY MOTI	log Kow		-3.40E-01 7.40E+00	9.00E-01	2.68E+00	2.48E+00	1.87E+00	1.56E+00	2.01E+00	2 205±00	1.835+00	4.90E+00	5.58E+00	1.49E+00	4.12E+00	6.20E+00	5.47E+00	-3.08E+00	3.30E+00	2.69E+UU	1.94F+00	-3.08E+00	3.35E+00	3.35E+00	-6.80E-01	07F±00	3.92E+00	6.42E+00	5.79E+00	6.50E+00	5.22E+00	4.38E+00	4.57E+00	2 015±00	5.08E+00	1.46E+00	2.03E+00	4.37E+00	3.98E+00
_	Koc		2.20E+00	7.36E+01	3.20E+02	1.52E+UZ	2.48E+02	1.68E+02	2.95E+02	1.54E+06	3 50F+02	3.85E+04	1.67E+05	1.43E+02	7.15E+03	1.70F+03	5.00E+04	1.00E-01	1.00E+03	1.80E+U3	4.90E+01	5.03E-01	8.71E+02	8.71E+02	1.00E-01	2 505403	4.60F+03	5.50E+06	2.00E+05	3.30E+06	3.80E+04	7.30E+03	1.40E+04	3.80E+04	1.30E+04	1.40E+01	7.90E+01	1.60E+03	9.20E+03
	RUF ROOT UPTAKE FACTOR		2.68E+01	9.28F-01	9.50E-01	5.73E-01	4.69E-01	5.45E-01	4.50E-01	8.39E+00	2 21E-01	3.29F-01	2.53E-01	6.13E-01	4.50E-01	7.44F+01	6.94E-01	5.78E+02	7.97E-01	2.51E-U1	2 536+00	1.15E+02	9-94E-01	9.94E-01	5.84E+02	1 185+00	4.95F-01	3.40E-02	3.06E-01	6.52E-02	5.87E-01	6.95E-01	5.06E-01	5.4/E-U1	1.346+00	6.15E+00	1.72E+00	3.12E+00	2.75E-01
	C plant MAXIMUM CONC.DUE TO UPTAKE mg/Kg		6.43E-08	1 25F-10	7.92E-13	3.52E-11	1.41E-11	3.58E-10	1.26E-13	1.59E-12	0.0/E-13	6.26F-14	2.42E-15	4.18E-12	2.70E-12	5 00F-13	1.26E-11	1.35E-05	2.53E-15	2.16E-15	2 66E-12	8.46E-07	1.23E-13	6.53E-10	4.38E-09	Z 625.11	1 48E-11	2.04E-12	1.83E-12	3.91E-12	3.52E-11	4.17E-12	1.18E-14	6.56E-11	0.87F-12	7.25E-13	1.16E-11	1.13E-11	5.03E-13
	EDI ADULT MAXIMUM ESTIMATED DAILY INTAKE mg/Kg/day		5.40E-11	1.05F-13	6.65E-16	2.96E-14	1.19E-14	3.01E-13	1.06E-16	1.16E-15	7.44E-10	5 26F-17	2.03E-18	3.51E-15	2.27E-15	2.01E-13	1.05E-14	1.13E-08	2.13E-18	1.82E-18	2 245-15	7.10E-10	1.04E-16	5.48E-13	.67E-1	2 045-11	24F	1.71E-15	1.54E-15	3.28E-15	2.96E-14	3.50E-15	9.92E-18	5.51E-14	8 285-15	6.08E-16	9.73E-15	9.47E-15	4.23E-16
	EDI CHILD MAXIMUM ESTIMATED DAILY INTAKE		1.16E-10 7 //E-17	2.26F	1.43E-	6.36E-	2.55E-	6.46E-	2.27E-	2.50E-	- 300° -	1.13F-	4.37E-	7.55E-	4.88E-	0 10F	2.27E-	2.44E-	4.57E-	5.91E-	A 81E-	1.53E-(2.23E-1	1.18E-1	7.90E-1	4 ZOE-	2 67F-1	3.68E-1	3.31E-	7.07E-	6.36E-	7.53E-	2.13E-	1.18E-1	1.585-17	1.31E-	2.09E-1	2.04E-1	9.09E-1

AW TABLE 13 7.92E-10 4.59E-12 2.97E-11 ADICAR ADMA
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	:	MAXIMUM ESTIMATED	INTAKE	mg/Kg/day		1.34E-10	7.48E-17	1 6/5-15	1.118-13	5.94E-13	4.09E-14	1.11E-12	3.52E-16	1 855.15	8-60F-17	1.38E-16	5.60E-18	1.28E-14	5.75E-15	8.2%E-15	2.50E-14	3.11E-08	5.15E-18	2 2/E-10	5.31F-15	3.64E-09	2.45E-16	1.30E-12	7.996-12	6.81E-14	3.12E-14	1.13E-14	4.08E-15	1.40E-14	7. 14E-14 8 24E-15	2 45E-17	1.34E-13	1.61E-17	1.88E-14	1.40E-15	2.39E-14	2.09E-14	1.18E-15	1,805-18
toes)	CH1LD-	AVERAGE P		mg/Kg/day mg		1.32E-10							3,13E-16							8.09E-15				0 ~	5,115-15		S.	.12							0.57E-14								9.44E-16	1.835-08
TOTAL VEGETABLE CONSUMPTION (carrots, lettuce, and tomatoes)		MAXIMUM ESTIMATED	INTAKE	mg/Kg/day		6.25E-11	3.48E-17	7 775-15	5.26E-14	2.79E-13	1.94E-14	5.26E-13	1.67E-16	8 775-16	4.09F-17	6-61E-17	2.69E-18	6.04E-15	2.73E-15	2.28F-15	1.18E-14	1.45E-08	2.43E-18	1 515-16	2.48F-15	1.71E-09	1.15E-16	6.09E-13	5.72E-12	3.20E-14	1.48E-14	5.79E-15	1.95E-15	7 375 45	3.5/E-14 7 0/E.15	1 16E-17	6.35E-14	7-62E-18	8.80E-15	6.54E-16	1.12E-14	9.74E-15	5.6/E-16	8.08E-U9
TOTAL VEGETABL	ADULT	AVERAGE ESTIMATED	INTAKE	mg/Kg/day		6.15E-11	5.41E-17	7 08E-16	4.79E-14	2.56E-13	1.72E-14	4.76E-13	1.47E-16	7 775-15	3.546-17	5.28E-17	2.03E-18	5.51E-15	2.30E-15	4.21F-16	1.04E-14	1.43E-08	2.19E-18	1 785-17	2.38E-15	1.69E-09	1.05E-16	5.58E-13	5.66E-12	2.96E-14	1.26E-14	1.83E-15	1.54E-15	3.58E-15	2 50E-14	0 04E-18	5.48E-14	6.55E-18	8.20E-15	6.37E-16	1.06E-14	9.37E-15	4.40E-16	0.000-07
	18-Jun-91 15:15:33										_		Benzotniazole Bis/2-ethylboxyllahthalata	בעלון לאוורוומומוב	ine	enyl	phenyl		4	בנומום	nzene			katona	ol second	ydrazine	;	carbonitrile	etnylamine	alene	ene	yrene	44	Dibenzo(a,n)anthracene	9	en e			enzene			enzene	ene	Veneral
					ORGANICS	Acetonitrile	Anilina	Atrazine	Benzaldehyde	Benzofuran	Benzoic Acid	Benzonitrile	Bic/2-othy/ho	Carbazole	4-Chloroaniline	4-Chlorobiphenyl	4,4-Chlorobiphenyl	Chloroethane	Dibenzofuran	Dieldrin	Hexachlorobenzene	Hydrazine	Mafathion	Methyl ethyl ketope	4-Methylphenol	Monomethyl hydrazine	Naphthalene	Naphthalene carbonitrile	n-nitrosogimetnylamine PAHs	Acenaphthalene	Acenaphthene	Benzo(a)pyrene	Chrysene	Finenzo(a,n)	Fluorene	Phenanthrene	Pyrene	Parathion	Pentachlorobenzene	Phenol	Quinoline	Tetrachlorobenzene	Incom dimethy!	Vanona umeri
120	123	<u> </u>	127	129		151	122	134	135	136	137	158	150	141	142	143	144	145	146	148	149	150	157	153	154	155	170	15/	159	160	161	162	267	144	991	167	168	169	170	171	22	22	‡ K	77

8	5.45E-1
BE TABLE 14	2.47E-15
ပ	
117 ·· B 118 BASE CASE 177	INORGANICS Arsenic
118	178

14

BG

ВН

4.51E-15

BJ BK BL TABLE 15 SOIL/DUST INGESTION CHILD	•	CONC IN DAILY CONC IN	mg/Kg/day	SV/SII		9.48E-20 7	3.43E-15 2.70E-	1.64E-12 2.12E-17 1.67E-12	7.60F-15 5.08F-1	7.66E-16	1.67E-14	5.52E-13 7.12E-18 5.60E-13	2. 64F-12 4.20E-10	1.97E-18	4.84E-18	2.446-19	1 57E-1	2 1.76E-17 1.38E-1	.35E-14 1.74E-19	4.60E-16	.27E-15 8.09E-20	.85E-14 2.39E-19	2.29e-12 2.95e-17 2.32e-12		2.45E-13 3.16E-18	le 1.29E-09 1.67E-14	le 1.48E-11 1.91E-16 1.50E-11	5.89E-11 7.60E-16 5.98E-11	11 7.60E-16 5	0 1.53E-15 1.20E-1	1.18E-11 1.55E-16 1.20E-	1.18E-10 1.53E-15 1.20E-	1.53E-16 1.20E-	~	3.02E-13 2.4UE-	1.87E-1	3.00E-18 2.36E-1	1.72E-16 1.35E-	9.21E-17 7.24E-1	
BASE CASE	-				OKGANICS Acetonitrile	Aldrin	Aniline	Atrazine Renzeldehvde	Benzofuran	Benzoic Acid	Benzonitrile	Bis/2-ethylboxyllathelate	Carbazole	4-Chloroaniline	4-Chlorobiphenyl	4,4-Chlorobiphenyl	Dibenzofuran	1,2-Dichloroethane	Dieldrin	Hydrezine	Lindane	Malathion	Methyl ethyl ketone	Monomethy! hydrazine	Naphthalene	Naphthalene carbonitrile	n-Nitrosodimetnylamine PAHs	Acenaphthalene	Acenaphthene	Benzo(a)pyrene	Unrysene Dibenzo(a.h)anthracene	Fluoranthene	Fluorene	Phenanthrene	Parathion	Pentachlorobenzene	Phenol	Quinoline	Tetrachlorobenzene	

118	BASE CASE	TABLE 15	4	J.	£
178 INOF	NORGANICS				
	Arsenic	1.56E-09	2.01E-14	1.58E-09	2.04E-1
180	Cacimium	9.05E-12	1.17E-16	9.18E-12	1.18E-1
181	Mercury	5.85E-11	7.55E-16	5.94E-11	7-66E-16
182					
183					
184					
185					
186					
187					
188		0.2 \$0	il/dust inges	stion rate (a	(dav)
189		15.5 BG	15.5 Body Weight (Kg)	1)	
190		365 de	IVS/VF		
191		365000 9	a/Ka*dav/vr		
192					
193		EDI = Csoil*SIR*EF/BW/CF	**EF/BW/CF		

c	25 27 25 25 25 25 25 25 25 25 25 25 25 25 25	ORGA											143 4-				147 1,					T	-	156 Na				0	_	<u> </u>	~		•	0.0	~						174 Tri	
BASE C		SOI	Aceton	Aniline	Atrazine	nzal	Benzofuran	nzoi	nozu	e (2-	Carbazole	Chlo	Chlo	4-Ch	loro	penzi	בים לי	xach	Hydrazine	Lindane	Malathion	thy	Meth)	phth;	4	Nitro	PAHS	Acer	Acer	Benz	5	0 0 1 0	S E	ring	Pher	Parathion	ntach	Phenol	Quinol ine	trach	ichlo	Unsym.
CASE			Acetonitrile	a	ne	Benzaldehyde	uran	Benzoic Acid	Benzonitrile	Bis(2-ethylbevyl)shthslate	ole ole	4-Chloroaniline	4-Chlorobiphenyl	4,4-Chlorobiphenyl	Chloroethane	Dibenzoturan	i,z-bichloroethane Dieldrin	Hexach Lorobenzene	ine	G)	lon	Methyl ethyl ketone	4-Methylphenol	monometnyt nydrazine Nachthalene	Naphthalene carbonitrile	n-Nitrosodimethylamine		Acenaphthalene	Acenaphthene	Benzo(a)pyrene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	ruorene	Phenanthrene	2 6	Pentachlorobenzene		ne	Tetrachlorobenzene	Trichlorobenzene	Unsym. dimethyl hydrazine
	18-Jun-91 15:15:33									oto lottur	חווומומום			<u>ب</u>			<u>e</u>					ne		ıne	nitrilo	amine						thracene					•	b		ď		/drazine
BO BP TABLE 16 SOIL INGESTION ADULT	C soil CALCULATED CONC IN SOIL .1M		4.73E-09	2 665-10	1.64E-12	1.21E-10	5.89E-10	5.94E-11	1.29E-09	5.52E-13	2 665-13	1 525-12	3.75E-13	1.89E-14	1.34E-11	1.18E-11	1.36E-12	3 57E-14	4.61E-08	6.27E-15	1.85E-14	2.29E-12	2.08E-12	7.45E-08	1 205-10	1 48F-11		5.89E-11	5.89E-11	1.18E-10	1.18E-11	1.18E-10	1.18E-10	1.18E-11	4.61E-14	2.3/E-10	1 45F-11	2.32E-13	1.33E-11	7.14E-12	3.61E-12	5.73E-08
BP N ADULT	GEEDI ESTIMATED DAILY INTAKE mg/Kg/day		6.76E-15	7 90E-20	2.356-18	1.73E-16	8-42E-16	8.48E-17	1.85E-15	7.89E-19	7 00E-19	2 18E-10	5.36E-19	2.70E-20	1.92E-17	1.69E-17	1.94E-18	1.93E-20	6.58F-14	8.95E-21	2.64E-20	3.27E-18	2.96E-18	2.08E-14	1 0EE-18	2 115.17	-	8,42E-17	8.42E-17	1.69E-16	1.69E-17	1.69E-16	1.69E-16	1.69E-17	6.58E-20	5.58E-16	9. IYE. CU	3 325-10	1.90F-17	1.02E-17	5.16E-18	8.18E-14
80	C SOIL CALCULATED EST CONC IN D SOIL IN mg/		4.80E-09	7.45E-15	1.67F-12	1.23E-10	5.98E-10	6.02E-11	1.31E-09	5.60E-13	3.51E-13	7./UE-12	3 81F-13	1.92E-14	1.36E-11	1.20E-11	1.38E-12	1.5/E-14	3.02E-11	6.36E-15	1.88E-14	2.32E-12	2.116-12	1.47E-08	7.48E-13	1.51E-UV	300.1	5.98E-11	5.98E-11	1.20E-10	1.20E-11	1.20E-10	1.20E-10	1.20E-11	4.67E-14	2.4UE-1U	7.Y/E-14	1.4/E-11	1 35E-11	7.24E-12	3.67E-12	5.81E-08
88	UM EDI ESTIMATED DAILY INTAKE mg/Kg/day		6.86E-15	1.06E-2	2 38E-18	1.76E-1	8.54E-1	8.60E-1	1.88E-1	8.00E-19	4. (ZE-1	5. don-1	1-377 5	2.74E-2	1.95E-1	1.71E-1	1.97E-1	1.95E-20	5.1/E-1	9.08E-2	2.68E-2	3.31E-1	3.01E-1	2.11E-14	3.55E-T	2 1/E 1	7.145-1	8.54E-1	8.54F-1	1.71E-1	1.71E-1	1.71E-1	1.71E-1	1.71E-1	6.68E-20	5.43E-1	4.20E-C	2 275-16	1 07E-1	1 03E-1	5.24E-18	8.30E-1

118 BASE CASE TABLE 16 177 178 INORGANICS 179 Arsenic 1.56E-09 2.23E-15 1.58E-09 180 Cadmium 9.05E-12 1.29E-17 9.18E-12 183 184 185 186 187 188 189 190 365000 g/kg*day/yr	2.23E-15 1.29E-17 8.36E-17	1.58E-09 9.18E-12 5.94E-11	2.26E 1.31E 8.48E
INORGANICS Arsenic Cadmium Mercury 5.85E-11 70 365000	2.23E-15 1.29E-17 8.36E-17	1.58E-09 9.18E-12 5.94E-11	2.26 1.31 8.48
INORGANICS Arsenic 9.05E-19 Cadmium 9.05E-11 Mercury 5.85E-11 70 365000	2.23E-15 1.29E-17 8.36E-17	1.58E-09 9.18E-12 5.94E-11	2.26 1.31 8.48
Arsenic 1.56E-09 Cadmium 9.05E-12 Mercury 5.85E-11 70 365000	2.23E-15 1.29E-17 8.36E-17	1.58E-09 9.18E-12 5.94E-11	2.26 1.31 8.48
Cadmium 9.05E-12 Mercury 5.85E-11 0.1 365000	1.29E-17 8.36E-17	9.18E-12 5.94E-11	8.48
Mercury 5.85E-11 0.1 70 365000	8.36E-17	5.946-11	8,48
0.1 70 70 365 365000			5
0.1 70 365 365000			
365000	oil innection re	ate (a/dov)	
36500	ody weight (Va)	מנם ואו משאו	
365000	ave /vr		
DOCCO CONTRACTOR OF THE PROPERTY OF THE PROPER	Ly akalon from		
	Na. day/yi		
193 ENT = Coolt + Close - Clos	3*EE /011/0E		

ORGANICS Acetonitrile Aldrin Anldrin Antazine Benzaldehyde Benzofuran	18-Jun-91 15:15:33					
Acetonitrile Aldrin Aniline Atrazine Benzofuran Benzofuran Benzotrile Benzothiazole Bis(2-ethylhex		C SOIL AVERAGE CALCULATED CONC IN SOIL .2M mg/Kg	C SOIL MAXIMUM CALCULATED CONC IN SOIL .2M mg/Kg	PUF PLANT UPTAKE FACTOR	CU AVERAGE CALCULATED CONC. IN GRAIN mg/Kg	
Acetonitrile Aldrin Aniline Atrazine Benzaldehyde Benzofuran Benzoic Acid Benzoritrile Benzonitrile Benzonitrile						
Aldrin Aniline Atrazine Benzaldehyde Benzofuran Benzoritrile Benzorthiazole Bis(2-ethyllex		2.37E-09			1.45E-07	
Aniline Atrazine Benzaldehyde Benzofuran Benzoric Acid Benzonitrile Benzothiazole Bis(2-ethylhex		3.67E-15	3.73E-15		7.29E-18	
Arrazine Benzaldehyde Benzaldehyde Benzofuran Benzor Acid Benzoritrile Benzothiazole Bis(2-ethylhex		1.33E-10	_		1.56E-09	-
Benzaldenyde Benzofuran Benzoit Acid Benzonitrie Benzothiazole Bis(2-ethylhex		8.22E-13	8.34E-13		8.92E-13	
Benzoid an Benzoit Acid Benzonitrile Benzothiazole Bis(2-ethylhex		0.00E-11	6.15E-11		3.2/E-10	_
Benzonitrile Benzonitrile Benzothiazole Bis(2-ethylhex Carbazole		2.93E-10	Z.99E-10	1,10E+00	5.24E-10	
Benzothiazole Bis(2-ethylhex Carbazole		7.3/E-11	5.UTE-11		9.5UE-11	
Bis(2-ethylhex Carbazole		0.4/E-10			3.14E-U9	_
Carbazole	of bulleting tone	2.705-13		Z.66E+UU	(.55E-15	-
י בו המדחוב	y cyphrhatare	1.635-13				
10000		1.53E-12				
4-chtoroanitine	a,	1.62E-14				
4-Chlorobiphenyl	٧.	1.88E-13				
4,4-Chlorobiphenyl	enyl	9.44E-15	9.58E-15	2.26E-02		
Chloroethane		6.72E-12				
Dibenzofuran		5.91E-12				
1,2-Dichloroethane	hane	6.81E-13				
Dieldrin		6.74E-15			6.65F-17	
Hexachlorobenzene	ene	1.78F-11			6 66F-13	
Hydrazine		2 30F-08		2 386+03	5 48E-05	
Lindane		3 136-15	3 18E-15		1 405.15	
Malathion		0 265.15	0 205-15		7 505 15	
Methyl ethyl vetone	otone	4 4/6-12	1 145 13		7 4/5 44	
4-Methylphenol		1 0/5-12	1 055 12		7 027 43	
Monomorphy! by		7 2/1 00	1.025-12	2.92E+00	3.035-12	
Monbach one	razine	7.26E-UV	7.5/E-U9		1.75E-05	
Nophthalene		1.222-13	1.24E-15		5-45E-14	
Naphiliatelle carbonitrite	rbonitrile	0.4/E-10	6.5/E-10	4 (2.8/E-10	
PAHS	ıytamırıe	71-386-1	7.49E-12	9.65E+UI	7.135-10	
Accord		2 CTT 44	27 200 0	1010	200	
Acenaphullatene	2 2	Z. 92E-11	2.99E-11	1. /UE-U1	5.00E-12	
Acenaphthene	o)	2.92E-11	2.99E-11	2.07E-01	6.11E-12	
Benzo(a)pyrene	ene	5.91E-11	6.00E-11	7.35E-03	4.35E-13	
Chrysene		5.91E-12	6.00E-12	1.71E-02	1-01E-13	
Dibenzo(a h)anthracene	Janthracene	F 01E-11	A 00E.15	4 415.02	Z 015.12	
Clubronthon	למוזיווו מככוום	1 7 11 7 1	0.005-11	0.015-02	5.717.0	
rluorantnene	m	5.91E-11	6.00E-11	3.65E-UZ	2.16E-12	
Fluorene		5.91E-12	6.00E-12	1.12E-01	6.63E-13	
Phenanthrene	ď	2 30F-14	71-372 6	8 70F-02	2 ANE-15	
Dyrana		1000	100	2 0-10E-02	7. TIT	
ראו מום		1.101.10	1.CUE-10	5.825-02	4.32E-14	
Parathion		1.47E-14	1.49E-14	2.40E-01	3.52E-15	
Pentachlorobenzene	zene	7.26E-12	7.37E-12	4.40F-02	3 20F-13	
Phenol		1 145-17	1 195.12	10101011	7,75-17	
Original in		C1-201-1	1.101-13	2.24E+UU	0.43E-13	
duinoline		6.66E-12	6.76E-12	2.59E+00	1,72E-11	
Tetrachlorobenzene	cene	3.57F-12	3 62F-12	1 145-01	4 USE-13	
Trichlorohenzene		1 04 1 10	4 025	20 110	7 // 43	
They dimothy	Production of	20.170.0	71-300-1	10.216.0	2,405-13	
Vanagas alimetnyt nydrazine	. nyarazıne	Z-86E-U8	2.97E-08	9.85E+02	Z.8ZE-U2	
vaporia		5.79E-14	5-87E-14	6.00E+00	3.47E-13	

	200	<u>N</u>
=	2.61E-12 4.59E-13	5.94E-1
g	2.57E-12 4.52E-13	5.85E-12
ш	3.30E-03 1.00E-01	2. 00E - 01
ш	7.92E-10 4.59E-12	2.9/E-11
D TABLE 17	7.80E-10 4.52E-12	2.95E-11 6.001 #BIII
ပ		
B BASE CASE	NORGANICS Arsenic Cadmium	mercury
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18-Jun-9
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		N 10 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
ω	C hay MAXIMUM CALCULATED CONC IN HAY MG/Kg	1.52E-07 7.07E-15 7.07E-15 6.48E-10 8.54E-10 1.53E-10 1.57E-10 1.57E-10 1.57E-10 1.57E-11 1.57E-
œ	C hay AVERAGE CALCULATED CONC IN HAY mg/Kg	2.09e-16 2.09e-16 3.30e-10 3.40e-10 3.60e-
ø	CS MAXIMUM CONC. ON PLANT SURFACE mg/Kg	7.06E-15 7.06E-15 7.06E-15 7.06E-10 7.06E-10 7.06E-10 7.06E-10 7.06E-10 7.06E-10 7.06E-10 7.06E-10 7.06E-10 7.06E-10 7.06E-10 7.06E-10 7.06E-12 7.06E-12 7.06E-12 7.06E-12 7.06E-12 7.06E-11 7.06E-12 7.06E-11
۵	CS AVERAGE CONC. ON PLANT SURFACE mg/Kg	7.30E-10 7.30E-10 7.31E-12 7.31E-12 7.31E-14 7.31E-15 7.31E-14 7.31E-14 7.31E-14 7.31E-14 7.31E-14 7.31E-14 7.31E-14 7.31E-14 7.31E-14 7.31E-15 7.31E-
0	CU MAXIMUM CONC. DUE TO UPTAKE mg/Kg	7.47e-07 7.40e-18 7.40e-18 3.39e-09 9.64e-11 9.64e-11 7.44e-13 7.44e-13 7.44e-13 7.56e-17 7.72e-12 7.72e-12 7.72e-12 7.72e-12 7.72e-12 7.72e-12 7.72e-12 7.72e-12 7.76e-12 7.72e-12 7.76e-12 7.76e-12 7.76e-12 7.76e-12 7.76e-12 7.76e-12 7.76e-12 7.76e-12 7.76e-12 7.76e-12 7.76e-12 7.76e-12 7.76e-12 7.76e-12 7.76e-12 7.76e-12 7.76e-12 7.76e-12 7.77e-12 7.76e-12 7.76e-12 7.76e-12 7.76e-12 7.76e-12 7.76e-12 7.76e-12 7.76e-12 7.76e-12 7.76e-12 7.76e-12 7.76e-12 7.76e-12 7.76e-12 7.76e-12 7.76e-12 7.76e-13 7.76e-
z	Cu AVERAGE CONC. DUE TO UPTAKE mg/Kg	7.45E-07 7.29E-18 7.29E-18 7.29E-18 7.32E-10 9.50E-11 7.33E-10 6.39E-11 7.59E-13 7.57E-13 7.57E-13 7.59E-14
Σ	PUF LANT UPTAKE FACTOR	6.13E+01 1.99E-03 1.10F+00 1.10F+00 2.36E+00 2.36E+00 2.36E+00 3.38E+00 3.38E+00 5.30E+00 5.30E+00 5.30E+00 5.30E+00 5.30E+00 5.30E+00 6.30E+
L W HAY mg/Kg	D DRY DEPOSITION PL RATE 9/MZ/yr	5.76E-11 2.00E-14 1.47E-12 2.00E-14 7.22E-13 3.24E-14 1.58E-11 1.64E-14 1.64E-14 1.64E-14 1.64E-14 1.64E-14 1.64E-14 1.64E-14 1.64E-14 1.64E-14 1.64E-13 1.64E-13 1.64E-13 1.64E-13 1.64E-13 1.64E-13 1.64E-13 1.64E-13 1.64E-13 1.66E-14 1.66E-13 1.66E-13 1.66E-13 1.66E-13 1.66E-13 1.66E-13 1.66E-14 1.66E-13 1.66E-13 1.66E-13 1.66E-13 1.66E-13 1.66E-13 1.66E-13 1.66E-13 1.66E-13 1.66E-13 1.66E-13 1.66E-13 1.66E-13 1.66E-13 1.66E-13 1.66E-13 1.66E-14 1.66E-14
K UCENTRATION IN	C soil MAXIMUM CALCULATED I CONC IN SOIL .2M mg/Kg	2.40E-09 8.373E-15 6.15E-11 2.99E-10 2.30E-13 1.65E-13 1.65E-13 1.65E-13 1.36E-13 1.37E-13 1.
J K TABLE 18 CONTAMINANT CONCENTRATION	C soil AVERAGE CALCULATED (CONC IN SOIL .2M mg/Kg	2.37E-09 3.67E-15 5.06E-13 6.06E-13 6.07E-11 6.47E-10 6.47E-10 7.62E-14 7.62E-14 7.62E-14 7.62E-14 7.62E-14 7.62E-14 7.62E-14 7.62E-14 7.62E-14 7.62E-14 7.62E-14 7.62E-14 7.66E-15 7.66E-15 7.66E-15 7.66E-15 7.66E-16 7.66E-17
Ęŏ	18-Jun-91 15:15:33 (phthalate l fine ine amine thracene drazine
BASE CASE		Autorin Audrin Audrin Autorin Aniline Benzaldehyde Benzaldehyde Benzofuran Benzoic Acid Benzonirile Benzonirile Benzonirile Benzonirile Bis(2-ethylhexyl)phthalate Carbazole 4-Chloroaniline 4-Chlorobiphenyl 4,4-Chlorobiphenyl Chloroethane Dibenzofuran 1,2-Dichloroethane Dibenzofuran 1,2-Dichloroethane Dibenzofuran Hydrazine Lindane Malathion Methyl ethyl ketone Hydrazine Malathion Methyl hydrazine Malathion Methyl hydrazine Malathion Methyl hydrazine Monomethyl hydrazine Naphthalene carbonitrile n-Nitrosodimethylamine PAHS Accamphthene Benzo(a)pyrene Chrysene Dibenzo(a)pyrene Chrysene Phenanthrene Phenanthrene Phenanthrene Phenathion Pentachlorobenzene Trichlorobenzene Trichlorobenzene Trichlorobenzene Trichlorobenzene Trichlorobenzene Trichlorobenzene Trichlorobenzene Trichlorobenzene
202 · B 203 BASE 204 205	206 207 208 210 211 213	ORGA CONTRACTOR OF THE CONTRAC

Ø	1.66E-09 1.12E-11 6.31E-11			
œ	1.99E-10 2.74E-12 8.34E-12			
ø	1.50E-09 8.70E-12 5.62E-11		٤	7
a.	4.29E-11 2.48E-13 1.61E-12	/kg	t) tion*mgg/secy	
0	1.58E-10 2.52E-12 6.83E-12	6.35E-01 r hay 5.78E-07 k hay, 1/s 2.72E+06 t hay, s 3.50E-01 Y hay, Kg/M2 2.49E+06 SDF hay, sec*mg/Kg 3.15E+07 sec/yr 1.00E+03 mg/g	-kt SDF = r*(1-e) Y*k Cs = SDF*Deposition*mgg/secyr	Cu = RUF*Csoil C hay = Cs+Cu
2	1.56E-10 2.49E-12 6.73E-12	6.35e-01 r l 5.78e-07 k l 2.72e+06 t l 3.50e-01 y l 2.49e+06 SDI 3.15e+07 see	o Ids	25
Σ	2.00E-01 5.50E-01 2.30E-01			
٠	1.90E-11 1.10E-13 7.12E-13			
¥	7.92E-10 4.59E-12 2.97E-11			
J TABLE 18	7.80E-10 4.52E-12 2.93E-11			
ပ				
BASE CASE	Arsenic Arsenic Cadmium			
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AD	C COCN MAXIMUM CALCULATED CONC IN CORN SILAGE mg/Kg	1.48E - 07 1.51E - 15 1.62E - 09 1.17E - 12 2.51E - 10 2.51E - 10 2.53E - 10 3.30E - 13 3.30E - 13 3.30E - 14 3.30E - 15 5.56E - 05 5.56E - 05 5.56E - 15 7.78E - 11 7.78E - 12 7.78E - 12
AC	C corn AVERAGE CALCULATED CONC IN CORN SILAGE mg/Kg	1.45E-07 1.56E-09 9.00E-13 3.27E-10 9.53E-10 7.35E-10 7.35E-10 1.57E-10 9.53E-13 1.52E-13 1.52E-14 1.52E-14 1.52E-14 1.52E-14 1.52E-14 1.52E-14 1.52E-14 1.52E-14 1.52E-14 1.52E-14 1.52E-14 1.52E-14 1.52E-15 1.52E-15 1.52E-16 1.52E-17 1.53E-17 1.53E-
AB	CS MAXIMUM CONC. ON PLANT SURFACE mg/Kg	7.72E 4.34E-11 9.68E-13 1.98E-11 9.68E-13 9.68E-13 1.98E-11 1.98E-11 1.98E-11 1.98E-11 1.98E-11 1.98E-11 1.98E-11 1.98E-11 1.98E-11 1.98E-11 1.98E-11 1.98E-11 1.98E-11 1.98E-11 1.98E-11 1.98E-11 1.98E-11 1.98E-11 1.98E-11 1.98E-12 1.98E-12 1.98E-13
AA	CS AVERAGE CONC. ON PLANT SURFACE mg/Kg	2.21e 7.66e 7.66e 7.66e 7.66e 7.66e 7.66e 7.76e 7.77e 7.
2	CU MAXIMUM CONC.DUE TO UPTAKE mg/Kg	7.47E - 07 7.40E - 18 7.46E - 18 7.44E - 13 7.56E - 15
>-	Cu AVERAGE CONC.DUE TO UPTAKE mg/Kg	1.45E - 07 7.29E - 18 8.92E - 13 3.27E - 10 9.50E - 13 7.33E - 13 7.55E - 14 7.55E - 15
X E mg/Kg	PUF PLANT UPTAKE FACTOR	6.13E+01 1.99E-03 1.17E+01 1.09E+00 5.39E+00 2.66E+00 3.36E+00 5.66E+00 5.66E+00 5.66E+00 5.66E+00 5.66E+00 5.66E+00 5.66E+00 5.66E+00 5.38E+03 6.76E+01 6.76E+01 7.35E+01 7.35E+01 7.35E+01 7.35E+01 7.46E+01 6.61E+02 6.61E+01 7.46E+01 7.46E+01 7.46E+01 7.65E+01 7.46E+01 7.4
W IN CORN SILAGE	D DRY DEPOSITION RATE 9/M2/yr	5.76E-17 7.27E-12 7.27E-12 7.27E-12 7.22E-13 3.26E-14 7.22E-13 3.26E-14 7.22E-15 7.22E-
	C soil MAXIMUM CALCULATED CONC IN SOIL .2M mg/Kg	2.40e-09 3.73e-15 6.57e-10 2.99e-11 1.55e-11 2.99e-11 1.90e-13 2.36e-13 2.36e-13 2.36e-13 3.01e-11 1.55e-13 5.86e-13 1.90e-13 5.86e-13 7.73e-16 6.97e-10 7.73e-16 7.73e-16 7.73e-16 7.73e-16 7.73e-16 7.73e-16 7.73e-16 7.73e-16 7.73e-16 7.73e-17
U V TABLE 19 CONTAMINANT CONCENTRATION	C soil AVERAGE CALCULATED CONC IN SOIL .2M mg/Kg	2.37E - 09 8.23E - 10 8.23E - 10 8.23E - 10 8.25E - 11 8.25E - 11 8.25E - 11 8.25E - 12 8.25E - 13
	18-Jun-91 15:15:33	phthalate In the parties of the par
B BASE CASE		Acetonitrile Aldrin Aniline Atrazine Benzaldehyde Benzaldehyde Benzofuran Benzofuran Benzofinazole Bis(2-ethylhexyl)phthalate Carbazole 4-Chlorobiphenyl 4,4-Chlorobiphenyl Chlorobiphenyl Chlorobenzene Hydrazine Lindane Malathion Hexachlorobenzene Lindane Malathion Hethyl ethyl ketone Lindane Malathion Hethyl ethyl ketone Chlorosodimethylamine Acmaphthalene Acmaphthalene Benzo(a)pyrene Chrysene Phenathion Pentachlorobenzene Phenol Quinoline Tetrachlorobenzene Trichlorobenzene Unsym. dimethyl hydrazine Vapona
:	204 207 208 209 210 212	215 215 216 217 218 217 218 217 218 217 218 218 217 218 218 217 218 218 218 218 218 218 218 218 218 218

AD	4.37E-10 2.16E-12 1.02E-11		
AC	1.87E-10 7.21E-13 9.16E-13		·
AB	2.55e-10 1.48e-12 9.55e-12		
AA	7.27E-12 4.22E-14 2.73E-13		
2	1.82E-10 6.88E-13 6.53E-13		6
>-	1.79E-10 6.79E-13 6.44E-13	э/К9	t) tion*mgg/secy
×	2.30E-01 1.50E-01 2.20E-02	4.40E-01 r corn 5.78E-07 k corn, 1/s 1.12E+07 t corn, s 1.80E+00 Y corn, Kg/M2 4.22E+05 SDF corn, sec/mg/Kg 3.15E+07 sec/yr 1.00E+03 mg/g	-kt SDF = r*(1-e) Y*k Cs = SDF*Deposition*mgg/secyr Cu = RUF*Csoil C corn = Cs+Cu
3	1.90E-11 1.10E-13 7.12E-13	4.40E-01 r corn, 5.78E-07 k corn, 1.12E+07 t corn, 1.80E+00 Y corn, 4.22E+05 SDF cor 3.15E+07 sec/yr 1.00E+03 mg/g	<i>წ</i> წმა
>	7.92E-10 4.59E-12 2.97E-11		
U TABLE 19	7.80E-10 4.52E-12 2.93E-11		
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	Arsenic Cadmium Mercury		*10.00 ma =
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BASE CASE C TABLE 20 CONTAMINANT CONCENTRATION IN GRASS mg/Kg	18-Jun-91 AVERAGE MAXIMUM DRY 15:15:33 CALCULATED CALCULATED DEPOSITION CONC IN CONC IN RATE SOIL SOIL g/M2/yr .1M .1M mg/Kg mg/Kg	vyde 7.35E-19 7.45E-19 7.45E-11 7.25E-19 7.45E-19 7.77E-19 7.77E-1	1.35E-11 1.62E- 7.24E-12 8.69E- 3.67E-12 4.40E-
AI mg/Kg	PUF PLANT UPTAKE FACTOR	6.13E+01 1.17E+01 1.09E+00 3.39E+00 4.84E+00 2.66E+00 2.66E+00 3.36E-04 4.84E+00 5.32E+00 1.59E-01 1.59E-01 2.38E+00 2.38E+00 2.38E+00 2.38E+00 2.38E+00 2.38E+00 2.38E+00 2.38E+00 2.38E+00 3.36E-01 4.44E-01 4.44E-01 7.35E-02 1.12E-01 8.70E-02 2.46E-01 5.65E+00 2.38E+00 2.38E+00 2.38E+00 2.38E+00 2.44E-01 4.44E-01 7.35E-02 3.65E-02 3.65E-02 5.65E-01 7.35E-03 6.65E+01 7.35E-03 6.66E-01 7.35E-03 6.66E-01 7.35E-02 7.56E-01 7.36E-01 7.36E-01 7.36E-01 7.36E-01 7.36E-01 7.36E-01 7.36E-01 7.36E-01 7.36E-01 7.36E-01	13 2.59E+00 14 1.14E-01 14 1.91E-01
AJ AK	Cu Cu AVERAGE MAXIMUM CONC.DUE CONC.DUE TO UPTAKE TO UPTAKE TO UPTAKE MG/Kg MG/Kg	2.90E-07 3.14E-09 1.74E-17 3.14E-09 1.78E-12 6.53E-10 6.53E-10 6.58E-10 6.58E-10 6.58E-10 1.90E-12 1.30E-12 1.30E-12 1.30E-12 1.45E-12 1.30E-12 1.30E-13 1.10E-14 1.54E-14 1.54E-17 1.22E-11 1.22E-11 1.22E-11 1.22E-11 1.22E-11 1.22E-11 1.24E-11 1.25E-12 1.35E-12 1.35E-12 1.35E-12 1.35E-12 1.35E-12 1.35E-12 1.35E-12 1.35E-13 1.35E-12 1.35E-13 1.35E-12 1.35E-13 1.3	
AL	CS AVERAGE JE CONC. ON AKE PLANT SURFACE Mg/Kg	2.07e-10 2.07e-10 1.17e-11 1.17e-11 1.17e-11 1.17e-11 1.2.58e-12 1.3.51-16 1.4.5e-12 1.4.5e-13 1.07e-13	3.13E-
AM	CS MAXIMUM CONC. ON PLANT SURFACE mg/Kg	7.26E-09 1.38E-10 9.05E-10 9.05E-10 9.05E-10 9.05E-10 1.82E-10	04E-1
AN	C grass AVERAGE CALCULATED CONC IN GRASS mg/Kg	2.90E-07 3.37E-06 6.58E-10 6.58E-10 6.58E-10 1.44E-10 1.46E-12 2.39E-12 1.25E-14 1.25E-14 1.26E-14 1.26E-17 1.3E-12 1.3E-12 1.3E-12 1.3E-12 1.3E-12 1.3E-12 1.3E-12 1.3E-12 1.3E-12 1.3E-12 1.3E-12 1.3E-12	3.50E-11 1.12E-12 8.50E-13
AO	C grass MAXIMUM CALCULATED CONC IN GRASS MG/Kg	3.01E-07 1.35E-16 4.33E-10 2.35E-09 2.33E-12 2.03E-12 2.03E-12 2.03E-12 2.03E-12 2.03E-12 2.03E-14 4.33E-12 2.03E-12 2.03E-14 4.33E-12 3.32E-12 4.33E-12 1.16-14 1.26-10 1.26-10 1.26-10 1.26-10 1.26-10 1.26-10 1.26-10 1.26-10 1.26-10 1.26-10 1.26-10 1.26-10 1.26-10 1.26-10 1.26-10 1.26-10	5.54E-1 1.18E-1

AO	2.42E-09 1.89E-11 1.25E-10			
AN	8.87E-11 5.37E-12 3.71E-11			
AM	2.40E-09 1.39E-11 8.98E-11			•
AL	6.84E-11 3.97E-13 2.57E-12	F tkr cyr	D) .	
AK	2.06E-11 5.05E-12 3.50E-11	rmg/kg SDF secyr	ĐĘ.	٤
Ϋ́	2.03E-11 4.98E-12 3.45E-11	grass, 1/s grass, s grass, kg/M2 DF grass, sec*mg/kg ec/yr	mg/g kt)	tion*mgg/secy
AI	1.30E-02 5.50E-01 5.90E-01		1.00E+03 mg -kt SDF = r*(1-e Y*k	<pre>Cs = SDF*Deposition*mgg/secyr Cu = RUF*Csoil</pre>
АН	1.90E-11 1.10E-13 7.12E-13		8	3 3 :
AG	1.58E-09 9.18E-12 5.94E-11			
AF TABLE 20	1.56e-09 9.05e-12 5.85e-11			
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B BASE CASE NORGANIES	Arsenic A Cadmium Mercury			

205 204 205	206 208 211 212 212	ORGA																																252				257 Te		
BASE CASE		ICS	Acetonitrile	Aldrin	Atrazine	Benzaldehyde	Benzofuran	Benzolc Acid Renzonitrile	Benzothiazole	Bis(2-ethylhexyl)phthalate	Carbazole	4-Chloroaniline	4-Chlorobiphenyl	4,4-Chlorobiphenyl	Dibenzofuran	, 2-Dichloroethane	Dieldrin	Hexachlorobenzene	Hydrazine	Malathion	Methyl ethyl ketone	4-Methylphenol	Monomethyl hydrazin	Naphthalene	naphthatene carbonn n-Nitrosodimethylam	PAHS	Acenaphthalene	Acenaphthene	Benzo(a)pyrene	Dibenzo(a.h)anthracepe	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Parathion Dontachionshouses	Pentachtoropenzene Phenol	Quinoline	Tetrachlorobenzene	Trichlorobenzene	Unsym. dimethyl hydrazine
	18-Jun-91 15:15:33									ohthalate				_,		A					<u>e</u>		ne	1	mine)				hracene										drazine
TABLE 21 MILK INGESTION	C diet AVERAGE CALCULATED CONC IN DIET (milk)		1.30E-07	4.79E-17	8.12E-13	2.95E-10	2.95E-10	8.58E-11	6 42E-17	1.88E-15	5.90E-13	2.32E-13	1.16E-14	2.98E-16	5.25E-11	3.31E-12	1.36E-16	6.20E-13	4.93E-05	6 07E-15	2.83E-11	2.73E-12	1.55E-05	5.03E-14	6.41F-10		4.83E-12	5.83E-12	1.06E-12	1 025-12	2.61E-12	6.63E-13	2.06E-15	5.43E-12	5.55E-15	5.09E-15	1.56E-11	4.05E-13	3.31E-13	2.54E-05
- AVERAGE	DUFm DIET UPTAKE MILK Unitless																																							
	TC TRANSFER COEFFICIENT MILK Day/Kg		3.72E-09	2.04E-01	3.89E-06	2.45E-07	3.80E-06	6.03E-07	2.73E-U/ 8 73E-07	4.37F+00	1.58E-05	5.50E-07	6.46E-04	3.09E-03	2.51E-07	2,45E-07	1.29E-02	2.40E-03	6.76E-12	1.0ZE-U5	1 48F-08	7.08E-07	6.76E-12	1.82E-05	1.82E-U5	20 70 10	9.55E-05	6.76E-05	2.14E-02	2.01E-03	1.356-03	1.95E-04	3.02E-04	1.23E-03	5.25E-05	9. (/E-U4	8.71E-07	1.91E-04	7.76E-05	3.09E-11
	C milk AVERAGE CALCULATED CONC IN MILK mg/Kg		1.09E-14	2.19E-16	7.09F-17	1.62E-15	2.52E-14	1.16E-15	1.8/E-14	1 84F-13	2.10E-16	2.87E-18	1.68E-16	2.07E-17	1.82E-16	1.82E-17	3.92E-17	3,346-14	7.48E-15	0 82E-19	9.40E-18	4.35E-17	2.36E-15	2.05E-17	1.09E-15	F-40E-11	1.04E-14	8.84E-15	5.07E-13	5 875-14	7.90F-14	2,90E-15	1.40E-17	1.50E-13	3.92E-18	8.10E-15	3.05E-16	1.736-15	5.78E-16	1.76E-14
	C milkfat AVERGE CALCULATED CONC IN MILK FAT mg/Kg																																							
	EDI ADULT AVERAGE ESTIMATED DAILY INTAKE mg/Kg/day		4.74E-17	9.56E-19	3 00E-10	7.07E-18	1.10E-16	5.06E-18	8.1/E-1/	8 03E-16	9.15F-10	1.25E-20	7.30E-19	9.01E-20	7.93E-19	7.95F-20	1.71E-19	1.45E-16	3.26E-17	Z. 18E-21	4.28E-21	1.89F-19	1.03E-17	8.95E-20	4.73E-16	2.5	4.51E-17	3.85E-17	2.21E-15	7 - 71E - 17	3 44F-15	1.26E-17	6.09E-20	6.53E-16	1.71E-20	3.53E-17	1.336-20	7.55E-18	2.52E-18	7.68E-17
	EDI CHILD AVERAGE ESTIMATED DAILY INTAKE mg/Kg/day		2.74E-10	5.52E	1 785	4.08E	6.34E	2.92E	4.72E	3.11E	5 28E	7.21E	4.22E	5.20E	4.58E	2.2 50E	9.87E	8.40E	1.88E-	1.26E-	2.4/4-	1005	5.94E-	5.17E-	2.73E-15	0.125	2.60E-	2.2E-	1.28E-	4.45E-	1 000	7.30E-	3.52E-	3.77E-	9.87E-	2.04E-	7.68E-	4.36E-17	1.45E-	4.43E-

,															
AM	2.34E-13	4.82E-16	1.25		I grain	I hay	I grass	DI corn		-	Rm	Rmf	(5	-	
AV	4.04E-14	8.35E-17	Z. 13E- 10		۵	۵	۵	0	S	-	5	Kg/day Ci	CE, H	3	
AU					TOTAL	TAL	TOTAL	% of TOTAL	NTAKE		R DAY Kg/day	T PER DAY Kg,	ROM RURAL SOUR		SI*DI GRASS))
AT	9.28E-12	1.92E-14	4.0%E - 14		INTAKE OF GRAIN % of TOTAL	F HAY % of TO	F GRASS % of	F CORN SILAGE	INGESTION % OF GRASS INTAKE	AKE Kg/day	TE OF MILK PE	TE OF MILK FA	MILK CONSUMED FROM RURAL		GRASS))/(1+(
AS	6.00E-03	1.00E-03	4.30E-04		DAILY INTAKE O				SOIL INGESTION	TOTAL FEED INTAKE Kg/day	CONSUMPTION RATE OF MILK PER DAY Kg/day	CONSUMPTION RA	FRACTION OF MI	BODY WEIGHT Kg	HC soil*SI*DI
AR				CHILD	_	_		_	0,		0.39	0.016	-	15.5	feedx*DIx)
AQ TABLE 21	6.89E-11	8.54E-13	71 - 340*+	ADULT	0.55	0.175	0	0.175	0.05	22.45	0.305	0.011	-	02	C diet = (SUM(C feedx*DIx)+(C soil*S!*DI GRASS))/(1+(SI*DI GRASS))
ပ															
B BASE CASE	Arsenic	Cadmium	Mer cury												
202	263	264 265	266	267	268	569	270	271	272	273	274	275	276	277	279

BASE CASE CASE TABLE 22 MILK INGESTION	C diet 18-Jun-91 MAXIMUM 15:15:33 CALCULATED CONC IN DIET (milk)	itrile	1.45E-15 Aniline 1.47F-19	Φ.	de	Benzoturan 4.12E-10 Benzoic Acid 0 8/E-11			ylhexyl)phthalate	Larbazole 1.11E-12		1			1, c - D i c i i o c i i a i e i o c i a i e i c i c i c i c i c i c i c i c i c		ne	2.59E-15 Mai athion 1 04E-14	hyl ketone		Monomethyl hydrazine 1.58E-05	carbonitrile		Je Je		Benzo(a)pyrene 2.37E-11 Chrysene 2 42E-12	a.h)anthracene			Phenanthrene 1.09E-14		Pentachlorobenzene 3.15E-12		Quinoline		or incorporate
AZ BA - MAXIMUM	DUFM TC DIET TRANSFER UPTAKE COEFFICIENT MILK MILK Unitless Day/Kg	3.72E-09	2.04E-01	3.89E-06	2.45E-07	3.80E-06	2.95E-07	8,32E-07	4.37E+00	1.58E-05	5.50E-U/	3.096-03	2.51E-07	1.07E-04	1,295-07	2,40E-03	6.76E-12	1.62E-05	01-31E-00	7.08E-07	6.76E-12	1,82E-05	1.706-09	9.55E-05	6.76E-05	2.14E-02 F 01E-02	2.576-02	1.35E-03	1.95E-04	3.02E-04	50-32-02 7 25E-05	9.77E-04	2.34E-07	8.715-07	7 765-05	1000
BB BC	C milk C milkfat MAXIMUM MAXIMUM CALCULATED CALCULATED CONC IN CONC IN MILK FAT mg/Kg mg/Kg		6.66E-15																					3.46E-14	2.61E-14	1.14E-11	1 3KE-11	7.64E-13	1.28E-14	7.38E-17	1.40E-12	6.91E-14	3.33E-18	3.59E-16	7.59E-15	1.175-13
BD	EDI ADULT MAXIMUM ESITMATED DAILY INTAKE mg/Kg/day	4.84E-17	2.90E-17	4.33E-19	7.73E-18	1.53E-16	0 00E-16	6.33E-20	2.746-14	1.72E-18	1.42E-20	1.18E-18	8.67E-19	3.34E-17	8.69E-20	1.75E-15	3.31E-17	4.11E-21	6.52E-21	2.20E-19	1.04E-17	1.74E-19 0 20E-16	1.09E-19	1.51E-16	1.14E-16	4.95E-14	1.19E-15	3.336-15	5.59E-17	3.22E-19	6.10E-15	3.01E-16	1.45E-20	1.56E-18	5.57E-17	0.000
BE	EDI CHILD MAXIMUM ESTIMATED DAILY INTAKE mg/Kg/day	2.80E-	1.67E-	2.50E-	4.47E-	8.85E-	5.50E-	3.65E	1.58E-	9.91E-	8.22E-	6.82E	5.01E-	1.93E-	5.02E-	1.01E-	1.91E-1	2.37E-2	3.77E-2	1.27E-1	6.03E-17	1.00E-1	6.27E-1	8.72E-1	6.56E-1	2.86E-13	0.83E-1	1.92E-1	3.23E-1	1.86E-1	3.52E-1	1.74E-1	8.38E-2	9.03E-1	1.97E-	4.00E-

202 B 203 BASE CASE 262 INORGANICS	AY TABLE 22	AZ	ВА	88	BC	8	
Arsenic Cadmium	3.68E-10 2.59E-12		6.00E-03	4.96E-11 5.82E-14		2.16E-13 2.54F-16	
Mercury	1.61E-11		4.50E-04	1.63E-13		7.08E-16	
	ADULT	CHILD					
	0.55	DAI	ILY INTAKE OF	DAILY INTAKE OF GRAIN % of TOTAL	JTAL	IO	5
	0.175	DAI	ILY INTAKE OF	HAY % of TOTAL		II	ha
	0	DA	ILY INTAKE OF	GRASS % of TOI	LAL	Id	g
	0.175	DAI	AILY INTAKE OF	INTAKE OF CORN SILAGE % of	of TOTAL	10	corn
	0.02	108	IL INGESTION	OIL INGESTION % OF GRASS INTAKE	IKE	SI	
	22.45	TOT	OTAL FEED INTAKE Kg/day	KE Kg/day		I	
	0.305		USUMPTION RAT	E OF MILK PER D	NAY Kg/day	25	E
	0.011	0.016 CON	USUMPTION RAT	CONSUMPTION RATE OF MILK FAT PER DAY Kg	PER DAY Kg/day		Шŧ
	-	1 FRA	RACTION OF MILK	K CONSUMED FROM RURAL	A RURAL SOURCE		
	0.2	15.5 ADU	ADULT WEIGHT Kg				F
	C diet = (SUM(C feedx*DIx)+(C soi	feedx*DIx)+(C	Soil*SI*DI	diet = (SUM(C feedx*DIx)+(C soil*SI*DI GRASS))/(1+(SI*DI GRASS))	'DI GRASS)		

204 202	200 200 200 211 211 211	ORGA																													244														F 5	5 \$
BASE CASE		NICS	Acetonitrile	Aldrin	Aniline	Atrazine	Benzaldehyde	Benzoturan	Benzoic Acid	Benzonitrile	Benzothiazole	BIS(Z-ethylnexyl)pht	Carbazole	4-Chloroaniline	4-Chlorobiphenyl	4,4-Chlorobiphenyl	Chloroethane	Dibenzofuran	1,2-Dichloroethane	Dieldrin	Hexachlorobenzene	Hydrazine	Lindane	Malathion	metnyl etnyl ketone	4-methylphenol	Mondifications	Naph the lene	Naphinatene carbonitrit	PAHS	Acenaphthalene	Acenaphthene	Benzo(a)pyrene	Chrysene	Dibenzo(a,h)anthr	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Parathion	Pentachlorobenzene	Phenol	Quinoline	Tetrachlorobenzene		Unsym. dimethyl hydrazine
-	18-Jun-91 15:15:33											ohthalate													ø		Je		ntrile						hracene											drazıne
TABLE 23 BEEF INGESTION	C diet AVERAGE CALCULATED CONC IN DIET (beef) mg/Kg		1 305-07	1.84E-17	1.40E-09	8.05E-13	2.94E-10	2.93E-10	8.56E-11	2.82E-09	6.61E-13	5.73E-16	5.80E-13	2.32E-13	1.01E-14	2.22E-16	3.22E-11	8.63E-13	3.30E-12	8.15E-17	4.77E-13	4.93E-05	1,35E-15	6.86E-15	2.83E-11	2.73E-12		4.95E-14	2.61E-10		4.59E-12	5.59E-12	5.81E-13	1.10E-13	5.42E-13	2.13E-12	6.16E-13	1.88E-15	4.48E-12	3.21E-15	3.11E-13	5.79E-13	1.55E-11	3.76E-13	3.17E-13	2.54E-05
I - AVERAGE	DUFB DIET UPTAKE BEEF Unitless																																													
	TC TRANSFER COEFFICIENT BEEF Day/Kg		1 155.08	6.31F-01	2.00F-07	1.20E-05	7.59E-07	1.17E-05	1.86E-06	9.12E-07	2.57E-06	1.35E+01	4.90E-05	1.70E-06	2.00E-03	9.55E-03	7.76E-07	3.31E-04	7.59E-07	3.98E-02	7.41E-03	2.09E-11	5.01E-05	1.95E-05	4.57E-08	2.19E-06	2.09E-11	5.62E-05	5.62E-05	2.43E-UY	2.95F-04	2.09E-04	6.61E-02	1.55E-02	7.94E-02	4.17E-03	6.03E-04	9.33E-04	3.80E-03	1.62E-04	3.02E-03	7.24E-07	2.69E-06	5.89E-04	2,40E-04	9.55E-11
	C beef AVERAGE CALCULATED CONC IN BEEF mg/Kg		1 O/E-1/	1 50F-16	3, 62F-15	1.26E-16	2.89E-15	4.46E-14	2.07E-15	3.34E-14	2.20E-17	1.00E-13	3.68E-16	5.10E-18	2.60E-16	2.75E-17	3.24E-16	3.71E-15	3.25E-17	4.21E-17	4.58E-14	1.34E-14	8.76E-19	1.73E-18	1.68E-17	7.74E-17	4.21E-15	3.59E-17	1.90E-13	4.3/E-1/	1 76F-14	1.51E-14	4.98E-13	2.20E-14	5.58E-13	1.15E-13	4.81E-15	2.27E-17	2.21E-13	6.75E-18	1.22E-14	5.44E-18	5.42E-16	2.87E-15	9.86E-16	3,15E-14
	C beeffat AVERAGE CALCULATED CONC IN BEEFFAT mg/Kg																																													
	EDI ADULT AVERAGE ESITMATED DAILY INTAKE mg/Kg/day		4 045-17	1 44E-10	3 47F-18	1.20E-19	2.77E-18	4.27E-17	1.98E-18	3.20E-17	2.11E-20	9.59E-17	3.52E-19	4.89E-21	2.49E-19	2.63E-20	3.10E-19	3.55E-18	3.11E-20	4.03E-20	4.39E-17	1.28E-17	8.38E-22	1.66E-21	1.61E-20	7.40E-20	4.03E-18	3.44E-20	1.82E-16	4.185-20	1 685-17	45E-	4.77E-16	2.11E-17	5.34E-16	1.10E-16	4.60E-18	2.17E-20	2.11E-16	6.47E-21	1.17E-17	5.21E-21	5.19E-19	2.75E-18	9.44E-19	3.01E-17
	EDI CHILD AVERAGE ESTIMATED DAILY INTAKE mg/Kg/day		7, 4/5	3 50E	8.65F	3.00F	6.91E-18	1.06E-	4.93E-	7.98E-	5.26E-	2.39E-	8.79E-	1.22E-	6.21E-	6.57E-	7.74E-	8.85E-	7.76E-20	1.00E-	1.09E-	3.19E-	2.09E-	4.14E-21	4.00E-20	1.85E-	1.01E-17	8.58E-	4.54E-16		4 20F-	3-62E-17	1.19E-	5.26E-	1.33E-	2.75E-	1.15E-	5.42E-	5.27E-	1.61E-2	2.91E-	1.30E-20	1.29E-	6.86E-1	2.35E-18	7.51E-

W	1,32E-15 9,11E-18 3,98E-14	ol grain	DI grass DI corn	12 11	3Rb SRbf	HG WT	
BL	5.30E-16 3.65E-18 1.60E-14				/dav	GE.	
¥		TOTAL	TOTAL % of TOTAL	NTAKE	R DAY Kg/day	ROM RURAL SOI	
F8	5.54E-13 3.81E-15 1.67E-11	F GRAIN % OF	F GRASS % of	% of GRASS I	TE OF BEEF PE	EF CONSUMED FROM RURAL	
18	2.00E-03 5.50E-04 2.50E-01		DAILY INTAKE OF GRASS % of TOTAL DAILY INTAKE OF CORN SILAGE % of	SOIL INGESTION % of GRASS INTAKE TOTAL FEED INTAKE Kg/day			
		CHILD			0.037	15.5	
BG TABLE 23	2.13E-11 5.35E-13 5.14E-12	ADULT 0.8 0.05	0.05	0.02	0.067	70	,
ပ							
BASE CASE	Arsenic Cadmium Mercury						

18-Jun-91	
WASTESTREAM	
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SCENARIO	
- FARMER	
MTN ARSENAL	
MIN	
ROCKY	

204 204 205	206 207 209 210 212	224 0864 0864 0864 0864 0864 0864 0864 086	
BASE CASE		Acetonitrile Addrin Aniline Atlarin Aniline Benzaldehyde Benzaldehyde Benzothran Benzothiazoie Bis(2-ethylhexyl)phthala Carbazole 4-Chlorobiphenyl Chlorobiphenyl Hydrazine Dienzofuran 1,2-Dichloroethane Dibenzofuran 1,2-Dichlorobenzene Hydrazine Lindane Malathion Mathyl ethyl ketone Chexphylenel Monomethyl hydrazine Naphthalene Acenaphthalene Acenap	
	18-Jun-91 15:15:33	xyl)phthalate ne nyl thane thane terone inazine srbonitrile thylamine ene ene ene ene ene ene ene ene ene	
TABLE 24 BEEF INGESTION	C diet MAXIMUM CALCULATED CONC IN DIET (beef) mg/Kg	7.33E-07 7.20E-16 7.20E-16 7.00E-13	3.24E-13
- MAXIMUM	DUFB DIET UPTAKE BEEF Unitless		
	TC TRANSFER COEFFICIENT BEEF Day/Kg	1.15E-08 6.31E-01 7.59E-07 1.17E-05 1.17E-07 1.17E-07 1.35E-07 1.35E-07 2.59E-07 2.09E-03 2.09E-03 2.09E-04 2.09E-04 2.09E-04 6.61E-02 1.55E-05 5.62E-05 5.62E-05 5.62E-05 5.62E-05 6.03E-04 6.61E-02 7.24E-07 7.24E-07 7.24E-07 7.24E-07 7.24E-07 7.24E-07 7.24E-07 7.24E-07 7.24E-07 7.24E-07 7.24E-07 7.24E-07 7.24E-07 7.24E-07 7.24E-07 7.24E-07 7.24E-07	6.31E-07
	C beef MAXIMUM CALCULATED CONC IN BEEF mg/Kg	3.43E-14 3.43E-14 3.07E-14 3.00E-15 3.01E-14 5.01E-14 5.01E-14 4.52E-16 5.35E-16 5.35E-16 6.53E-16 6.53E-16 6.53E-16 7.71E-16 7.71E-16 7.71E-16 7.71E-17 7.71E-16 8.71E-17 7.71E-16 8.71E-17 7.7	2.65E-18
	C beeffat MAXIMUM CALCULATED CONC IN BEEFFAT mg/Kg		
	EDI ADULT MAXIMUM ESTIMATED DAILY INTAKE	3.29E-18 3.29E-18 3.59E-18 2.87E-18 2.87E-18 2.32E-17 2.32E-17 2.32E-17 2.32E-17 2.32E-19 3.08E-19 4.46E-19 4.42E-20 4.40E-16 5.36E-16 5.40E-21 7.66E-16 6.29E-17 7.66E-16 7.86E-16 7.86E-17 7.86E-16 7.86E-16 7.86E-16 7.86E-17 7.86E-17 7.86E-17 7.86E-17 7.86E-17 7.86E-17	2.53E-21
	EDI CHILD MAXIMUM ESTIMATED DAILY INTAKE mg/Kg/day	8.20E-18 8.33E-18 8.20E-18 7.16E-18 8.29E-17 7.67E-15 1.10E-19 8.03E-20 1.56E-17 7.67E-17 7.67E-17 7.67E-17 7.67E-17 7.67E-17 1.07E-17 1.05E-17 1.06E-17 1.28E-19 1.28E-19 1.37E-17 1.37E-18 3.63E-16 1.37E-17 1.37E-18 3.63E-16 1.37E-17 1.37E-18	6.32E-

B BASE CASE	263 Arsenic 264 Cadmium	Mercury	1	.	•	-		C.			10	\$		
BO TABLE 24	1.07E-10 1.04E-12	8.41E-12	ADULT	0.8	0.05	0	0.05	0.02	12.97	0.067	0.015		0.2	C
BP B0	2.00E-03 5.50E-04	2.50E-01	CHILD	DAILY INTAKE (DAILY INTAKE (DAILY INTAKE (DAILY INTAKE (SOIL INGESTION	TOTAL FEED INTAKE Kg/day		0.009 CONSUMPTION RA	1 FRACTION OF BE	15.5 ADULT WEIGHT Kg	C diet = (SUM/C feedx*D1x)+(C soil*S1*D1 GRASS))/(1+(S1*D1 GRASS))
BR BS	2,77E-12 7,39E-15	2.73E-11		DAILY INTAKE OF GRAIN % of TOTAL	OF HAY % of TOTAL	OF GRASS % of TOTAL	OF CORN SILAGE % of TOTAL	SOIL INGESTION % of GRASS INTAKE	IAKE Kg/day	CONSUMPTION RATE OF BEEF PER DAY Kg/day	ATE OF BEEF FAT PER DAY	F CONSUMED FROM RURAL	6)	+CC Soil*SI*DI GRASS))/C1
BT.	2.65E-15 7.08E-18	2.61E-14									'day	ce.	_	+(S1*D1 GRASS))
BU	6.61E-15 1.76E-17	6.51E-1		I grain	I hay	I grass	DI corn			Rb	CRbf	9	=	

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TABLE 25	18-Jun-91 AVE 15:15:33 CALCU COP SC	41.0	, 	<u>د.</u> ۳.	ก็เก๋	← <u>.</u> Γ.	Bis(2-ethylhexyl)phthalate 3.	4-Chloroaniline		Chloroethane 1.		J.z.nichloroethane 1. Dieldrin 1.		4.		Methyl ethyl ketone 2.	Monomethyl hydrazine	27	- (-	ne 5	Acenaphtnene 5.8		anthracene	Fluorene	Phenanthrene 4.0			Pentachlorobenzene 1.	2	Tetrachlorobenzene 7.		Unsym. dimetnyl hydrazine 5./
TABLE 25				1.21E-10 1.23E-10 5.89E-10 5.08E-10			3.26E-13 3.31E-13			.34E-11 1.36E-11	1.20E-1	1.37E-1		4.61E-08 4.67E-08 6.27E-15 6.36F-15		2.29E-12 2.32E-12 2.08E-12	•	N 4		5.89E-11 5.98E-11		1.20E-1	1.18E-10 1.20E-10	18E-10 1.20E-10	4.67E-1	. ~		- 1	2.52E-13 2.36E-13	- 1-		1 14E-12 1 17E-12
Ð	ABSORPTION FACTOR	٠. بـ. و		1.00E-01		1.00E-01		1.00E-01	. 4 4		1.00	1.00E-01		1.00E-01		1.00E-01			1.00E-01	1.00E-01	1.00E-01	- (1.00E-01	1.00E-01		1.00E	1.00E	1.00E-01		•	1.00E-01
E	EDI AVERAGE ESTIMATED DAILY INTAKE mg/Kg/day	2.08E-14 3.23E-20	7.22E-18	5.33E-16	2.61E-16	5.69E-15	1.43E-18	6.69F-10	1.65E-18	8.30E-20 5.91E-17	5.20E-17	5.98E-18 5.93E-20	1.57E-16	2.02E-13	8.13E-20	1.00E-17	6.38E-14	1.08E-18	5.69E-15	2.59E-16	2.59E-16	5.20E-17	5.20E-16	5.20E-16	2.20E-1/	1.04E-15	1.29E-19	6.38E-17	1.02E-18	3.144-17	1.59E-17	2.52E-13
	EDI MAXIMUM ESTIMATED DAILY INTAKE mg/Kg/day	4 2.11E-14					1.45E-18				7 5.27E-17		1.59E-16		8.25E-		× 40	- 1	5 5.7/E-15 7 6.59E-17			5.27E-17								3 18E-17		

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	6.96E-16 4.03E-18 2.61E-17	ts/yr.) NE ESA SAF SMF BW DAYR
×	6.86E-16 3.98E-18 2.57E-17	er year (even vent) oil (mg/cm2) YR
G	1.00E-02 1.00E-02 1.00E-02	sure events p e area (cm2/e factor for s ctor g) MF/BW/mgKg/DA
L.	1.58E-09 9.18E-12 5.94E-11	195 Number of exposure events per year (events/yr.) 2500 Exposed surface area (cm2/event) 0.51 Skin adherence factor for soil (mg/cm2) 1 Soil matrix factor 15.5 Body weight (kg) 365 Days/yr 1000000 mg/kg EDI = Csoil*AF*SAF*ESA*NE*SMF/BW/mgkg/DAYR
E TABLE 25	1.56E-09 9.05E-12 5.85E-11	195 Number 2500 Expose 0.51 Skin e 1 Soil n 15.5 Body v 365 Days/y 1000000 mg/Kg EDI = Csoil*AF*SAF*
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B BASE CASE INORGANICS	Arsenic Cadmium Mercury	
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	18-Jun-91 15:15:33										Bis(2-ethylhexyl)phthalate		4-Chloroaniline	4-Chlorobiphenyl	4,4-Chlorobiphenyl	•		1,2-Dichloroethane		Hexachlorobenzene				metnyl etnyl ketone	4-metriytphenot	Manhthal ene	Naphthalene carbonitrile	n-Nitrosodimethylamine		Acenaphthalene	Acenaphtnene	benzo(a)pyrene		Ulbenzo(a,n)anthracene	ruorantnene		Phenanthrene			Pentachlorobenzene			Tetrachlorobenzene	Trichlorobenzene	llnsvm dimethyl hydrazine	20075 1560 3
TABLE 26		2.37E-09	3.67E-15	1.33E-10	8.22E-13	6.06E-11	2.95E-10	2.97E-11	6.47E-10	2.76E-13	1.63E-13	1.336-12	7.62E-14	1.88E-13	9.44E-15	6.72E-12	5.91E-12	6.81E-13	6.74E-15	1.78E-11	2.30E-08	3.13E-15	9.26E-15	1.14E-12	1.04E-12	1 22E-12	6.47F-10	7.39E-12	;	2.95E-11	2.95E-11	2.91E-11	5.91E-12	5.97E-11	5.91E-11	5.91E-12	2.30E-14	1.18E-10	1.476-14	7.26E-12	1.16E-13	6-66E-12	3.57F-12	1 815.12	2 865-08	5 70E-16
, anim 1		2.40E-09	3.73E-15	1.35E-10	8.34E-13	6.15E-11	2.99E-10	3.01E-11	6.57E-10	2.80E-13		1.35E-12	7.73F-14	1.90F-13	9.58E-15	6.87F-12	6.00E-12	6.91E-13	6.84E-15	1.81E-11	2.34E-08	3.18E-15	9.39E-15	1.16E-12	1.05E-12	1.3/E-U9	6.575-10	7.49E-12		2.99E-11	2.99E-11	6.00E-11	6.00E-12	6.00E-11	6.00E-11	6.00E-12	2.34E-14	1.20E-10	1.49E-14	7.37E-12	1.18E-13	6.76F-12	3 62F-12	1 825-12	2 015-08	E 97E - 47
	AF ABSORPTION FACTOR	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E·01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00F-01	1.00F-01	1.00F-01	1.00E-01	1.00F-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.005-01	1.00E-01		1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1,00E-01	1.00E-01	1.00E-01	1.00E-01	1 NOF-01	1 005-01	1000	1000-01	0 100
	EDI AVERAGE ESTIMATED DAILY INTAKE mg/Kg/day	1.22E-14	1.89E-20	6.85E-16	4.23E-18	3.12E-16	1.52E-15	1.53E-16	3.34E-15	1.42E-18	8 39F-19	6.85F-18	3 92F-10	0 KAF-10	4. 86F-20	3 46F-17	3.05F-17	3.51E-18	3.47E-20	9.18E-17	1.19E-13	1.61E-20	4.77E-20	5.89E-18	5.35E-18	5. /4E-14	2 3/E-15	3.81E-17		1.52E-16	1.52E-16	3.05E-16	3.05E-17	3.05E-16	3.05E-16	3.05E-17	1,19E-19	6.09E-16	7.55E-20	3.74E-17	5.99E-19	3 47F-17	1 8/E-17	247. 40	1 7.05-12	2 200
	EDI MAXIMUM ESTIMATED DAILY INTAKE mg/Kg/day	1.24E-	1.92E-20	6.95E	4.29E-	3.17E-	1.54E-	1.55E-	3.38F-	1-44F-18	8.51F-19	6.95F-	3 ORF-10	O ROF-	4 03E-	3 51E-	3 DOF-	3.56E-1	3.52E-2	9.32E-1	1.20E-1	1.64E-20	4.84E-2	5.98E-18	5.42E-18	3.80E-14	2 28E-1	3.86E-17		1.54E-16	1.54E-16	3.09E-1	3.09E-1	3.09E-16	3.09E-1	3.09E-1	1.20E-1	6.18E-	7.66E-2	3.80E-1	6.07E-1	3 48E-17			7.405-10	7 025

				Ω	رتن د	
0	4.08E-16 2.36E-18 1.53E-17			BELL	mgK Mgm	
z	4.02E-16 2.33E-18 1.51E-17	er year (even	oit (mg/cm2)			YR.
Σ	1.00E-02 1.00E-02 1.00E-02	sure events p	factor for setting			4F/BW/mgKg/DA
٦	7.92E-10 4.59E-12 2.97E-11	195 Number of exposure events per year (events/yr)	Skin adherence factor for soil (Solt matrix factor Book weight (Kg)	mg/Kg	EDI = Csoil*AF*SAF*ESA*NE*SMF/BW/mgKg/DAYR
K TABLE 26	7.80E-10 4.52E-12 2.93E-11	195 8	1.5	9 02	1000000	EDI = Csoil*AF
ပ						
B BASE CASE	Arsenic Cadmium Mercury					
284	345	348	351	353	355	357

O	EDI CHILD ESTIMATED DAILY INTAKE mg/kg/day	1.75E-20 6.34E-27 6.34E-27 7.67E-20 7.66E-20 7.66E-22 7.66E-22 7.66E-22 7.66E-22 7.66E-22 7.66E-22 7.66E-22 7.66E-22 7.66E-22 7.66E-22 7.66E-22 7.66E-22 7.66E-22 7.66E-22 7.66E-22 7.76E-19 8.01E-19 7.76E-16 8.01E-19 7.76E-16 8.01E-19 7.76E-16 8.01E-19 7.76E-16 8.01E-19 7.76E-16 8.01E-19 7.76E-16 8.01E-19 7.76E-16 8.01E-19 7.76E-16 8.01E-19 7.76E-16 8.01E-19 7.76E-16 8.01E-19 7.76E-16 8.01E-25 7.77E-25 7.7	
LL.	EDI ADULT ESTIMATED DAILY INTAKE mg/kg/day	7.76E-21 2.81E-27 2.33E-19 0.00E+00 2.20E-20 2.20E-20 3.35E-24 3.35E-24 3.35E-24 4.30E-19 3.52E-20 4.75E-22 5.71E-24 1.08E-24 4.30E-19 3.52E-19 1.05E-19 1.05E-19 1.05E-19 1.05E-19 1.05E-19 2.75E-20 1.40E-19 1.56E-19 3.55E-19 4.35E-20 1.40E-19 1.60E-19 3.55E-19 4.35E-19 5.35E-21 6.35E-21 6.35E-21 6.35E-21 6.35E-21 6.35E-19 7.35E-19 7.35E-19 7.35E-19	
ш	BIO. CONC. FACTOR	0.06 28 6.03 15.63 14.5 15.63 14.5	
D TABLE 27 FISH INGESTION	C water SURFACE WATER CONCENTRAT. mg/L	1.87E-14 1.45E-23 3.15E-20 4.54E-15 1.27E-15 2.05E-15 2.05E-15 2.05E-15 3.84E-21 3.84E-21 3.84E-21 3.97E-18 8.32E-20 3.97E-19 5.06E-23 5.06E-23 5.06E-23 5.06E-23 5.06E-15 7.16E-18 7.16E-18 7.16E-18 7.16E-18 7.16E-18 7.16E-18 7.16E-18 7.16E-18 7.16E-17 7.16E-18 7.16E-17 7.16E-18 7.16E-18 7.16E-17 7.16E-18 7.16E-17 7.16E-18 7.16E-17 7.16E-18 7.16E-17 7.16E-18 7.16E-17 7.16E-	
BASE CASE	18-Jun-91 15:15:33	Acetonitrile Aldrin Aniline Arrazine Benzaldehyde Benzaldehyde Benzofuran Benzothiazole Bis(2-ethylhexyl)phthalate Carbazole 4-Chlorobiphenyl 4,4-Chlorobiphenyl Chloroethane Dibenzofuran 1,2-Dichloroethane Dibenzofuran 1,2-Dichloroethane Dieldrin Hexachlorobenzene Hydrazine Lindane Malathion Methyl ethyl ketone Hydrazine Lindane Malathion Methyl ethyl ketone Chryene Naphthalene PArenaphthene Benzo(a)pyrene Chrysene Chrysene Prenaphtholine Fluorene Phenanthrene Pyrene Parathion Quinoline Trichlorobenzene Unsym. dimethyl hydrazine Vapona INORGANICS Arsenic Copper	
359 360 361 362		3772 3775 3776 3776 3776 3776 3776 3776 3776	418

BASE CASE

D TABLE 27

359 360 419 421 422 423 424 425

ADULT
4.84 FISH INGESTION RATE g/day
70 ADULT BODY WEIGHT KG
1000 g/KG
0.1 Fraction lipid in fillet

2.42 15.5 1000 0.1

CRCINOGENIC SLOPE BASE CASE Addin Aldin Aniine Benzene Bis (2-ethylhexyl) phthalate Carbazole Carbazole Carbazole Carbazole Carbazole 1,4-Dichlorocethane 1,2-Dichlorocethane 1,1-Dichlorocethane 1,1-Dichlo	88		TABLE 28			
Stope Stop	32		CARCINOGENIC	LOPE FACTORS	((mg/kg-day)-1)	
Stope Stope Stope Stope Stope Stope Stope Addrin	101		Inhalation	Oral	Dermal	
Addrin Bis (2-ethylhexyl) phthalate 2.90E-02 2.90E-02 2.90E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-02 2.00E-03			Stope	Stope	Stope	
Acrylonitrile Adrin Adrin Adrin Adrin Adrin Adrin Adrin Aniine Bris(2-ethylhexyl)phthalate Carboa Tetrachloride Bis(2-ethylhexyl)phthalate Carboa Tetrachloride Bis(2-ethylhexyl)phthalate Carboa Tetrachloride Carboa Tetrachloride 1,2-0ichloroethane 1,30E-00 1,0E-00				1000	Lactor	
Acrylonitrile Acrylonitrile Acrylonitrile Acrylonitrile Acrylonitrile Acrylonitrile Aniline Benzene Bis(2-enthylhexyl)phthalate Carbazole 1,4-Dichlorobenzene 1,2-Dichlorocethane 1,2-Dichlorocethane 1,2-Dichlorocethane 1,2-Dichlorocethane 1,2-Dichlorocethane 1,2-Dichlorocethane 1,1-Dichlorocethane 1,1-Dichlorocethan	35					
Acrylonitrile 2.40E-01 5.40E-01 Addrin Aniline Benzene Bis (2-ethylhexyl)phthalate 2.90E-02 2.90E-02 Bis (2-ethylhexyl)phthalate 2.90E-02 2.90E-02 Carbazole Carbazole 1.40E-02 2.00E-02 2.00E-02 Carbazole Carbazole 1.30E-01 1.30E-01 1,4-0ichlorobenzene 1.70E-01 1.30E-01 1,2-0ichlorocthane 2.40E-02 2.40E-02 1,1-0ichlorocthane 1.20E-00 2.40E-02 1,1-0ichlorocthane 1.20E-00 2.40E-02 1,1-0ichlorocthane 1.20E-01 1.30E-01 1,2-0ichlorocthane 1.20E-01 1.50E-01 1,2-0ichlorocthane 1.20E-01 1.50E-01 1,1-0ichlorocthane 1.20E-01 1.10E-01 1,1-0ichlorocthane 1.10E-01 1.10E-01 1,1-0ichlorocthane 1.20E-01 1.10E-01 1,1-0ichlorocthane 1.20E-01 1.10E-01 1,1-0ichlorocthane 1.20E-01 1.20E-01 1,10E-02 1.10E-02 1,1-0ichlorocthane 1.20E-01 1.20E-01 1,10E-01 1.20E-01 1.20E-01 1,10E-01 1.20E-01 1.20E-01 1,10E-01 1.10E-02 1.10E-02 1,10E-02 1.10E-02 1,10E-03 1.10E-03 1	107					
Acrylonitrile Aldrin Aldrin Aniine Aniine Aniine Aniine Benzene Bis (2 - ethylhexyl)phthalate Carbazole Carbazole Carbar Tetrachloride 1, 4-Dichlorochane 1, 2-Dichlorochane 1, 3-Dichlorochane 1, 3-Dichlo		DRGANICS				
Aufiline Aldrin Aldrin Aldrin Aldrin Bis(2-ethylhexyl)phthalate Ecarbzote 2 2.066-02 2.066-02 Carbzote 2 1.406-02 2.006-02 Carbzote 2 1.406-02 2.006-02 Carbon Tetrachloride 1.306-01 1.306-01 Carbon Tetrachloride 1.306-01 1.306-01 1,4-Dichlorocethane 1.206-01 1.306-01 1,1-Dichlorocethane 1.206-00 6.006-01 1,2-Dichlorocethane 1.206-00 6.006-01 1,2-Dichlorocethane 1.206-00 1.606-01 1,2-Dichlorocethane 1.306-00 1.606-01 1,2-Dichlorocethane 1.306-00 1.606-01 1,2-Dichlorocethane 1.306-00 1.506-00 Methyl chloride 1.306-00 1.506-00 Methyl chloride 1.306-00 1.506-00 Methyl chloride 1.306-00 1.566-01 Methylene chloride 2.306-01 1.566-01 Methylene chloride 2.306-01 1.566-01 Methylene chloride 2.906-01 1.566-01 Methy	109	Acrylonitrile	2.40E-01	5.40E-01	NC	
Ani tine Ani tine Brisc2-ethylbexyl)phthalate Carbazole Carbazole Carbazole Carbazole Carbon Tetrachloride 1,4-Dichlorochane 1,2-Dichlorochane 1,3-Dichlorochane 1,1-Dichlorochane 1,3-Dichlorochane 1,1-Dichlorochane 1,1-Dichloro	110	Aldrin	1.70E+01	1.70E+01	3.40E+01	
Size	13	Aniline	5.70E-03	5.70E-03	1.14E-02	
Carbazole Carbazole Carbazole Carbazole Carbazole 1,40E-02 Carbazole 1,40E-02 Carbon Tetrachloride 1,40E-02 1,50E-01 1,5	717	benzene pic/2-cthv/Lenn/lante-1-t-	2.90E-02	2.90E-02	S	
Carbon Tetrachloride 1,20E-02 2,00E-02 1,4-bichloroethane 1,2-bichloroethane 1,2-bichloro	717	Carbazole	7.40E-02	1.40E-02	2.80E-02	
Chloroform 1,4-Dichlorobenzene 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,60E+01 1-Sac-02 1,1-Dichloroethane 1,60E+01 1,20E+01	1,2	Carbon Tetrachlorida	1 20E-02	2.00E-02	4.00E-02	
1,4-Dichlorobenzene 1,1-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,2-Dichlorocthane 1,60E+01 1-Raachlorocthane 1,7E+01 1,	116	Chloroform	8.10F-02	4 10E-01	2 5	_
1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropane 1,2-Dichloroethane 1,60E+01 1,1-Dichloroethane 1,10E+01 1,10E	117	1,4-Dichlorobenzene	2.40E-02	2.40F-02	2 2	
1,2-Dichloroethane 1,20E-02 9. 1,1-Dichloroethane 1,20E-00 6. 1,2-Dichloroethane 1,20E-00 6. 1,2-Dichloroethane 1,60E-01 1. Hexachloroethane 1,60E-01 1. Methylchenol 1,30E-00 1. Methylchenol 1,40E-02 1. Methylchenol 1,40E-02 1. Monomethyl hydrazine 1,10E-00 1. Parathion 2,10E+00 1. Dibenzo(a,h)anthracene 6.10E+00 1. Parathion 2,10E+00 1. Parathion 2,10E+00 1. Nichloroethene 2,10E+01 1. Trichloroethene 3,30E-03 5. Trichloroethene 2,90E-01 2. Nordona 1,10E-02 1. Vapona 2,90E-01 2. Nordonium (VI) 4,10E+01 1.7 Total	138	1,1-Dichloroethane			2	
1,20E+00 6.86 Dieldrin Hexachlorobenzene 6.80E+01 1. Hexachlorobenzene 1.60E+01 1. Hydrazine 1.71E+01 3. Lindane 1.30E+00 1. Methyl chloride 6.30E-03 1. Methylchenol 6.30E-03 1. Monomethyl hydrazine 1.40E+00 1. Monomethyl hydrazine 1.10E+00 1. Chrysene 6.10E+00 1. Dibenzo(a,h)anthracene 6.10E+00 1. Parathion quinoline 1.20E+01 1.20E+01 1. Trichloroethene 3.30E-03 5. Trichloroethene 2.90E-01 2.30E-01 2.30E	119	1,2-Dichloroethane	9.10E-02	9.10E-02	1.82E-01	
Normalian (VI) Hexach condense	200	1 2-Dichlopproper	1.20E+00	6.00E-01	NC.	
Hexachlorobenzene 1.60E+00 1. Hydrazine 1.30E+00 1. Lindane Methyl chloride 6.30E-03 1. Methylchenol 6.30E-03 7.1 Methylchenol 7.40E-02 7.1 Monomethyl hydrazine 1.10E+00 1. Benzo(a)pyrene 6.10E+00 1. Chrysene 0.10E+00 1. Dibenzo(a,h)anthracene 6.10E+00 1. Parathion Quinoline 1.20E+01 1.2 Trichloroethene 3.30E-03 5.7 Trichloroethene 3.30E-03 1.2 Vapona 7.90E-01 2.3 Vinyl chloride 2.95E-01 2.3 Vinyl chloride 6.10E+00 1.7 Total 6.10E+00 1.7 Total 6.10E+01 1.7 Total 1.50E+01 1.7 Total 1.	122	Dieldrin	1 ANE+02	6.80E-02	2 20E.04	
Hydrazine Lindane Methyl chloride Methyl chloride A-Methyl chloride A-Methyl chenol Monomethyl hydrazine n-Nitrosodimethylamine Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Chrysene Arsenic Ninglane	123	Hexachlorobenzene	1.60F±00	1 405+01	2.c0E+UI	
Lindane	124	Hydrazine	1.71E+01	3.00E+00	6.00F+00	
Methyl chloride Wethylene chloride 4-Methylene chloride 4-Methylene chloride 4-Methylene chloride 4-Methylene chloride Benzo(a)pyrene Chrysene Chrysene Benzo(a)pyrene Chrysene Chromium (VI) Monomethyl hydrazine 1.10E+00 1.20E+01 1.20E+01 1.20E+01 1.20E+01 1.20E+01 1.20E+01 1.20E+01 1.20E+01 1.23 1.20E+01 1.20E+01 1.23 1.20E+01 1.23 1.20E+01 1.24 Arsenic Cadmium Chromium (VI) Total AED Adult E CED Child I	133	Lindane	1.30E+00	1.30E+00	2.60E+00	
Methylene chloride A-Methyleneol Monomethyl phenol Monomethyl phe	126	Methyl chloride	6.30E-03	1.30E-02	NC	
Monomethyl hydrazine	128	Methylene chloride	1.40E-02	7.50E-03	NC	
PAHS Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Ouinoline Tetrachloroethene Vapona Vinyl chloride Arsenic Cadmium Chromium (VI) Total AED Adult E CIDE+00 1.20E+01	129	Monomethy! hydrazina	1 105±00	1 105,00	00.100	
PAHS Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene S.10E+00 Liberzo(a,h)anthracene Guinoline Tetrachloroethene Tetrachloroethene Trichloroethene Vapona Vinyl chloride Arsenic Cadmium Chromium (VI) AED Adult E CED Child I Total AED Infant III CE + 10	130	n-Nitrosodimethylamine	5.10E+01	5.10E+01	1.025+02	
Benzo(a)pyrene 6.10E+00 1. Chrysene 6.10E+00 1. Dibenzo(a,h)anthracene 6.10E+00 1. Parathion Quinoline Tetrachloroethene 3.3GE-03 5.7 Trichloroethene 3.3GE-03 5.7 Trichloroethene 3.5GE-01 2.5 Vinyl chloride 2.90E-01 2.5 Vinyl chloride 2.95E-01 2.5 Arsenic Cadmium (VI) 4.10E+01 1.7 Total 4.10E+01 1.7 EED Child ECED Child ECED Child ECED Child ECED Child IED Infant	131	PAHS			10.110	
Chrysene Dibenzo(a,h)anthracene Dibenzo(a,h)anthracene Parathion Quinoline Tetrachloroethene Trichloroethene Trichloro	132	Benzo(a)pyrene	6.10E+00	1.15E+01	2.30E+01	
Dibenzo(a,h)anthracene	133	Chrysene	6.10E+00	1.15E+01	2.30E+01	
Tarachine	104	Ulbenzo(a,h)anthracene	6.10E+00	1.15E+01	2.30E+01	
Tetrachloroethene 3.005.01 Trichloroethene 3.106.03 5.1 Vapona 2.906.01 1.2 Vinyl chloride 2.956.01 2.5 INORGANICS 1.506+01 1.7 Cadmium (VI) 6.106+00 Chromium (VI) 4.106+01 Total AED Adult E CED Child E CID Child I	136	Orinoline	1 205.04	20. 100 6	0.107	
Trichloroethene 1.10E-02 1.10E-02 1.10E-02 1.10E-02 1.10E-02 1.10E-02 1.10E-03 1.10E-01 1.10E	137	Tetrachioroethono	2 205-07	1.40E+01	2.40E+U1	
Vapona 2.90E-01 2.5 Vinyl chloride 2.95E-01 2.5 INORGANICS 1.50E+01 1.7 Cadmium CALomium (VI) 4.10E+01 Total AED Adult E CED Child E CID Child I I I I I I I I I I I I I I I I I I I	138	Trichloroethene	1 105-03	1 105-02	2 2	
Vinyl chloride 2.95E-01 2.38 INORGANICS 1.50E+01 1.7 Cadmium Chromium (VI) 4.10E+01 Total AED Adult E CED Child E CID Child I IID Infant	139	Vapona	2.90E-01	2.90F-01	5.80F-01	
INORGANICS Arsenic Cadmium Chromium (VI) Total AED Adult E CED Child E CID Child I	140	Vinyl chloride	2.95E-01	2.30E+00	NC.	
Arsenic 1.50E+01 1.7 Arsenic 6.10E+00 6.10E+01 Chromium (VI) 4.10E+01 Total AED Adult E CED Child E CID Child IED Infant					2	
Arsenic 1.50E+01 1.7 Cadmium (VI) 6.10E+01 Chromium (VI) 4.10E+01 Total AED Adult ECED Child ECED Child IED Infant		NORGANICS				
Chromium (VI) 4.10E+00 Total AED Adult E CED Child E CID Child IED Infant		Arsenic	1.50E+01		3.50E+01	
Total Total AED Adult E CED Child E CID Child IED Infant	1 1		6.10E+00	S	NC	
Total AED Adult E CED Child E CID Child I	46		4.10E+U1	NC	NC	
AED Adult E CED Child E CID Child I	147	Total				
AED Adult E CED Child E CID Child I	148					
CED Child ECTO Child ICD Child ICD Infant	65				Aura+ion	
CID Child I	120			ild Exposure	Duration	
lED Infant	51			ild Inhalatio	n Duration	
	70					

		5 5 5	- 2		-09 -1-4 -1-4 -1-7	-14
o	TOTAL ADULT CARC. RISK	5.48E-16 1.01E-15	1.45E-17 NA NA NA NA NA NA	2.146-10 NA NA 1.596-14 3.926-08 2.656-18	1.70E-09 1.77E-10 5.56E-14 1.80E-14 7.70E-14 1.17E-13 NA NA NA NA	9.29E-14 NA NA
z	DERMAL EXPOSURE CARC. RISK	5.88E-19 7.14E-18	2.51E-19 NA NA NA NA NA NA NA	2.69E-19 2.69E-16 6.51E-13 3.84E-20 NA	7.53E-14 3.55E-15 6.41E-15 6.41E-15 7.53E-16 NA NA NA NA NA NA NA NA NA	1.29E-14 NA NA
Σ	FISH INGESTION CARC. RISK	NA 4.36E-26 1.22E-21 NA	6.04E-23 NA NA NA NA NA NA	4,76E-24 NA NA NA 1,58E-23 6,29E-19 9,66E-20 5,62E-26	NE 1.12E-20 0.00E+00 1.47E-18 3.73E-18 8.35E-16 NE 6.96E-20 NA NA NA NA	6.97E-15 NA NA
	SOIL/DUST INGESTION CARC. RISK	1.63E-19 1.98E-18	0.95E-20 NA NA NA NA NA	2.82E-19 NA NA NA 1.45E-17 7.45E-17 1.81E-13 1.06E-20	2.09E-14 9.84E-16 1.78E-15 1.78E-15 1.78E-15 N. N. N. A. N. A. N. A. N. A. N.	3.57E-15 NA NA
¥	BEEF INGESTION CARC. RISK	2.24E-18 1.81E-20 NA	6.44E-21 NA NA NA NA	5.89E-21 NA NA N	A. 06E-18 1.95E-18 5.01E-15 5.62E-16 5.68E-15 NA NA NA NA NA NA NA NA NA NA NA NA NA	8.48E-16 NA NA
J ENIC RISK	MILK INGESTION CARC. RISK	1.49E-17 4.61E-20 NA	1.67E-20 NA NA NA NA	2.50E-21 NA NA 2.13E-16 8.95E-17 2.59E-21	1.03E-17 4.97E-18 2.52E-14 8.11E-16 2.69E-14 NA NA NA NA NA NA NA NA NA NA NA NA NA	6.47E-14 NA NA
I TABLE 29 ADULT CARCINOGENIC RISK	VEGETABLE INGESTION CARC. RISK	5.30E-16 1.00E-15 NA	1,416-17 NA NA NA NA NA NA NA	3.15E-16 NA NA 1.53E-15 3.92E-08 2.60E-18 NA	1.69e-09 1.71e-10 1.61e-14 3.55e-14 NA NA NA NA NA NA NA NA NA NA NA	3,95E-15 NA NA
ပ	CASE	NICS Acrylonitrile Aldrin Aniline Benzene	Carbazole Carbazole Carbazole Chloroform 1,4-Dichlorobenzene 1,1-Dichloroethane	1,1-Dichloroethene 1,1-Dichloroethene 1,2-Dichloropropane Dieldrin Hexachlorobenzene Hydrazine Lindane Methyl chloride	4-Methylphenol Monomethyl hydrazine n-Nitrosodimethylamine PAHS Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Parathion Quinoline Tetrachloroethene Trichloroethene Vapona	INORGANICS Arsenic Cadmium Chromium (VI)
6	FARM	ORGANICS Acry Aldr Anil Benz Benz				NOR

C	×	TOTAL CHILD CARC. RISK	1.31E-14 2.18E-14 2.18E-17 1.20E-18 3.90E-18 5.26E-10 6.26E-10 7.58E-17 7.58E-17 7.58E-17 7.58E-17 7.58E-17 7.58E-17 7.58E-17 6.59E-09 6.59E-09 6.59E-09 6.59E-19 7.08E-14 7.08E-14 7.08E-14 7.08E-14 7.08E-14 7.08E-16 7.93E-19 7.93E-19 7.93E-19 7.93E-19 7.93E-19 7.93E-19
C TABLE 30 CHILD CARCINOGENIC RISK INHALATION VEGETABLE INHALATION INHAESTION INHESTION INHESTION INHESTION INHALATION INHAESTION INHAESTION INHESTION INHESTION INTER-IC CARC. RISK. RISK	3	DERMAL EXPOSURE CARC. RISK	7.84E-20 9.52E-19 8.5E-19 3.34E-20 NA NA 1.35E-10 3.58E-20 NA 1.00E-14 4.73E-16 8.54E-16 8.54E-16 8.54E-16 8.54E-16 8.54E-16 1.00E-16 1.00E-16 NA NA NA NA NA NA NA NA NA NA NA NA NA
TABLE 30	>	FISH INGESTION CARC. RISK	7.76E-27 2.15E-22 1.07E-23 1.07E-23 NA NA NA NA 1.16E-19 1.70E-20 9.91E-27 NA NA NA NA NA NA NA NA NA NA NA NA NA
C TABLE 30 CHILD CARCINOGENIC RISK CARC. RISK CARC. RISK RISK CARC. RISK RISK RISK RISK RISK RISK RISK RISK	D D	SOIL/DUST INGESTION CARC. RISK	1.15E-19 1.40E-18 1.40E-18 1.40E-21 4.90E-20 NA
TABLE 30 TABLE 30 CHILD CARCINOGENIC RISK CHILD CARCINOGENIC RISK INHALATION VEGETABLE CARC. RISK F	BEEF INGESTION CARC. RISK	4.36E-19 5.36E-19 7.56E-21 NA	
TABLE 30 CHILD CARCINOGE CHILD CARCINOGE CHILD CARCINOGE CHILD CARCINOGE CHILD CARCINOGE RISK RISK RISK RISK RISK RISK RISK RISK	Ø	MILK INGESTION CARC. RISK	6.70E-18 2.08E-20 NA
TABLE CHILD CHILD INHAL ON INH	R ENIC RISK	VEGETABLE INGESTION CARC. RISK	8.908-17 1.67E-16 2.37E-18 3.20E-17 3.20E-15 5.94E-15 1.95E-16 1.95E-16 1.95E-16 1.95E-16 1.95E-16
CASE NICS Acrylonitrile Aldrin Aniline Benzene Bis Cethylhexyl)phthalate Carbon Tetrachloride Chloroform 1,4-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,4-Dichloroethane	BLE	INHALATION CARC. RISK	3.38e-14 4.11e-17 1.24e-18 1.24e-16 6.26e-20 6.26e-20 7.38e-18 7.38e-18 7.38e-18 7.38e-18 7.58e-17 1.59e-17 4.14e-17 7.59e-17 1.95e-14 1.95e-15 1.95e-15 1.95e-15 1.95e-15 1.95e-15 1.95e-15 1.95e-15 1.22e-17 1.59e-17 1.95e-16 1.95e-17 1.95e-17 1.95e-17 1.95e-17 1.95e-17 1.95e-17
BASE BASE INORGA		FARM BASE CASE	Adrin Aniline Adrin Aniline Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbazole Carbazole Carbazole Carbazole 1,4-Dichlorocthane 1,2-Dichlorocthane Chrysene Chrysene Chrysene Dibenzo(a,h)anthracene Parathion Quinoline Trichlorocthane Vapona Vinyl chloride Cadmium Chromium (VI)

BASE CASE BASE CASE Acrylonitrile Aldrin Aniline Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbazole Chloroform 1,4-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane

	18;U	÷	14-14	1.38E-15	1.98E-18	5.70E-17	r-17	2 38F-16	1.04E-19	N.	3.96E-16	1.26E-16	2.65E-18 7.58E-15	F-14	4.81E-08	3.99E-18	5.18E-19	6.87E-17	2 2	2.09E-10	5-12	7.7	2 358-13	NE NE	1.58E-13	4.08E-20	E-18	1.93E-17 2.12E-17		1.18E-12 2.47E-15 2.59E-15	5.04E-08	
AL	TOTAL LIFETIME CARC. RISK		7.	1.38	1.98	2.5	27.7		1.04	2	3.96	1.26	2.67	2.00	4.81	3.99	5.18	6.87	2 6	2.09	200	2,4	25.0	2	1.58	4.08	1.32	1.93		2.47 2.59	5.04	
AK	DERMAL EXPOSURE CARC. RISK		A 475-10	8.09E-18	NA	2.43E-20	Z.84E-19	Z N	Z A	¥	6.61E-19	AN:	1 15E-18	3 04F-16	7.38E-13	4.35E-20	AN A	Y.	o czr 4/	4.02E-15	7 245-15	7 265-16	7.26F-15	¥	8.53E-16	NA	¥	1.79E-19 NA		1.46E-14 NA NA	8.58E-13	
P	FISH INGESTION CARC. RISK		NA 12E-26	1.436-21	AN	4.89E-26	(-11E-23	2	Z Z	NE.	5.60E-24	NA.	1 84E-23	7 40F-19	1.14E-19	6.61E-26	NA	¥.	22F 30	0.005+00	1 775-18	705-18	9.83E-16	¥	8.19E-20	NA	NA	6.60E-26 NA		8.20E-15 NA NA	9.19E-15	
Aī	SOIL/DUST INGESTION CARC. RISK	Š	2 78E-10	3.386-18	NA	1.02E-20	1. 19E - 19	Z Z	NA.	Ä	2.76E-19	NA	NA 81E-10	1.275-16	3.08E-13	1.82E-20	NA	¥ I	7 E4E-17	1.68E-15	Z 07E-15	3 03E-16	3.035-15	밀	3.56E-16	NA	NA	7.48E-20 NA		6.08E-15 NA NA	3.58E-13	
AH	BEEF INGESTION CARC. RISK	1	2 47E-18	2.16E-20	NA.	1.47E-18	NA NA	AN	N	¥	3.09E-21	NA.	7 N/E-10	7.67E-17	4.19E-17	1.19E-21	NA	A L	A 855-10	2.33E-18	5 00F-15	2 KSE-16	6.71E-15	및	6.80E-18	NA	Y.	7.76E-22 NA		1.01E-15 NA NA	1.41E-14	
AG	MILK INGESTION CARC. RISK	YA.	2 16F-17	6.69E-20	NA.	1.49E-17		NA	N	및	9.59E-21	Z Z	3. 63F-18	3.09E-16	1.30E-16	3.76E-21	NA	Y I	Ľ	7.21E-18	3 37F-14	1.18F-15	3.90E-14	및	2.11E-17	NA	NA C	2.47E-21		9.39E-14 NA NA	1.68E-13	
AF: RISK	VEGETABLE INGESTION CARC, RISK	42	6. 19F-16	1.17E-15	NA .	1.72E-17	NA NA	NA	N	¥	3.66E-16	¥ S	7.20F-15	1.79E-14	4.58E-08	3.04E-18	Y.	Z Z	1 ORE-NO	1.99E-10	2.24F-14	1.89E-14	4.14E-14	밀	1.36E-13	NA:	NA TOTAL	NA NA		4.52E-15 NA NA	4.79E-08	
AE A CARCINOGENIC RISK	BREAST MILK INGESTION CARC. RISK	5 05E-17	6.48E-17	1.27E-16	9.06E-22	2.52E-1/	3.096-19	1.23E-19	7.11E-22	및	2.37E-17	4.51E-19	3-68E-16	8.23E-16	2.27E-09	5.22E-19	7.24E-21	2.52E-19	O 85E-11	9.886-12	9-62E-14	7.93E-15	1.04E-13	및	1.40E-14	3.92E-21	9.01E-21	1.08E-18		A A A	2.38E-09	
AD TABLE 32 TOTAL LIFETIME	INHALATION CARC. RISK	2,175-14	5.60E-18	6.80E-17		2 38E-19	4.50E-17	2.38E-16	1.04E-19			2 475-18	9.67E-18	2.56E-15	3.53E-11	3.65E-19	5.11E-19	0.85E-1/	7 16F-13	3.38E-14	3.23E-14	3.23E-15	3.23E-14	¥	7.17E-15	3.69E-20	1.315-18	2.01E-17		1.05e-12 2.47e-15 2.59e-15	3.72E-11	
ပ			2		Land but at at a	Bis(z-etnytnexyt)phthatate Carbazola	achloride		openzene	oethane	oethane	oetnene	opi opaiie	enzene			ride	ntoride	hvdrazine	methylamine	ovrene		Dibenzo(a,h)anthracene			ethene	lene	ide		C		
&	FARM BASE CASE	ORGANICS Acrylonitrile	Aldrin	Aniline	Benzene	Carbazole	Carbon Tetrachloride	Chloroform	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichlor	1,1-Dichlor	Dieldrin	Hexachlorobenzene	Hydrazine	Lindane	Methyl chloride	4-Methylene chioride	Monomethy! hydrazine	n-Nitrosodimethylamine	Benzo(a)pyrene	Chrysene	Dibenzo(a	Parathion	Quinol ine	Tetrachloroethene	Ir ichtoroethene	Vapona Vinyl chloride	INORGANICS	Arsenic Cadmium Chromium (VI)	Total	
*8855 #			19	=	N N	0 4	- 10	5		~ /	119	_	122							30	- 01	133	134			137		140		£42 £42	147	

FARM REFERENCE DOSES FOR NONCARCIN	FARM					
REFERENCE DOSES FOR NONCARCINA FFEETS (mg/kg-day)	REFERENCE DOSES FOR NONCARCINA FFEETS (mg/kg-day) REFERENCE DOSES FOR NONCARCINA FFEETS (mg/kg-day) Reference RfD Rf	155		٥	ш	ш
FARM	FFEERENCE DOSES FOR NONCARCING FARM	156				
PARM PRECISE CONTINUED PARM PRECISE CONTINUED PARM PACECONTITION	PARM PARM PARM PARM PARM PARM PARM PARM PACETORI PARM PACETORI P	157		DEEEDENCE DOOR	000	0.1100111
FARM	FARM	15.8		3	5	INOGENIC
RAME CASE CA	Section Sect	0.00			J-day)	
PARM	PARM	1				
MANY	Mark	20,		Inhalation	Oral	Dermal
### CASE ### Actions ### Action #### Action ##### Action ###################################	Acetone	0		RfD	RfD	RfD
Acetone Acetonitrile Acetonitrile Acetonitrile Acetonitrile Acetonitrile Acetonitrile Acetonitrile Aniline Benzadehyde Benzadehyde Benzadehyde Benzadehyde Benzadehyde Benzohinizole Benzohinizo	Acetonitrile	162				
Acetone Acetone Acetone Acetonitrile Acetonitrile Acetonitrile Acetonitrile Acetonitrile Acrimitrile Acrimitrile Atlarin Anniine Atlarin Anniine Atlarin Anniine Atlarin Anniine Atlarin Benzaidehyde Benzaidehyde Benzaidehyde Benzaich Acid Benzaich Acid Benzaich Acid Benzaich Acid Benzaich Acid Benzaich Acid Benzoic Acid Acid-Incompipment Acid	Acetone Acetone Acetonitrile Acetonitrile Acetonitrile Acetonitrile Acetonitrile Acrinitrile Benzaldehyde Benzaldehyde Benzaldehyde Benzaldehyde Benzoritran Benzo	163				
Acetonitrile	Acetone	164				
Acetone Acetone Acetone Acetonitrile Acetone Acetonitrile Acetonitrile Acetonitrile Aldrin Benzaldehyde Benzaldehyde Benzaldehyde Benzaldehyde Benzothiazole Carbazole	Acetone Acetone Acetone Acetonitrile Acetonitrile Acetonitrile Acetonitrile Arylonitrile Benzaldehyde Benzaldehyde Benzaldehyde Benzofuran Chlorobiphenyl C	176				
Acetone	Acetone	0				
Acetonic Acetone Acetonitrile Acetonitrile Acetonitrile Aldrin Aldrin Aniline Aldrin Ariline Ariline Ariline Ariline Ariline Ariline Ariline Ariline Ariline Benzaldehyde Carbon Tetrachloride 4.00E-03 Carbon Tetrachloride 4.00E-03 Chlorobenzene Chlorobenzene Chlorobenzene Chlorobenzene Chlorobenzenes Chlo	Acetonic Action Acetone Acetonic Action Acetone Acetonic Acrylonitrile Benzaldehyde Benzaldehyde Benzaldehyde Benzaldehyde Acrylone Orden Acrylone Orden Acrylone Orden Acrylone Orden Acrylone Orden Acrylone Orden	166	ORGANICS			
Acctonitrile 1.00E-02 1.00E-03 4.70E-04 4.70E-04 4.70E-04 4.70E-05	Acetonitrile 1.00E-01 1.00E-01 1.00E-01 Acetonitrile 4.39E-03 2.70E-04 3.00E-05 Atrazine 2.55E-04 3.00E-05 3.00E-05 3.00E-05 Benzaldehyde 1.00E-01	167	Aretone	4 021.00	100 000	
Actionitrile	Actionitrite	440		1.025.100	1.00E-U	2
Acrytonitrile 4.39E-03 2.70E-04 Anilin Aldrin 2.55E-04 3.00E-05 Anilin 7.76E-03 3.00E-05 Anilin 7.76E-03 3.00E-05 Benzaldehyde 1.00E-01 1.00E-01 Benzancidehyde 1.00E-01 1.00E-01 Benzantifile 8.00E-03 5.00E-03 Benzothiazole 1.00E-03 5.00E-03 Benzothiazole 1.00E-03 1.00E-03 Bis/2-chythexyl)phthalate 5.00E-03 1.00E-03 Bis/2-chythexyl)phthalate 5.00E-03 1.00E-03 Carbazole 6.00E-03 1.00E-03 1.00E-03 Carbazole 7.00E-03 1.00E-03 1.00E-03 Carbazole 7.00E-03 1.00E-03 1.00E-03 Carbazole 7.00E-03 1.00E-03 1.00E-03 Carbazole 7.00E-03 1.00E-03 1.00E-03 Chlorobenzene (total) 2.33E-02 2.45E-02 1.00E-03 Chlorobenzene (total) 2.33E-02 2.45E-02 1.00E-03 1,1-Dichlorocethane 2.00E-03 1.00E-03 1.00E-03 1,1-Dichlorocethane 2.00E-03 1.00E-03 1.00E-03 1,1-Dichlorocethane 2.00E-03 1.00E-03 1.00E-03 1,1-Dichlorocethane 2.00E-03 1.00E-03 1.00E-04 1,1-Dichlorocethane 2.00E-03 1.00E-03 1.00E-04 1,1-Dichlorocethane 2.00E-03 1.00E-03 1,1-Dichlorocethane 2.00E-03 1.00E-03 1,1-Dichlorocethane 2.00E-03 1.00E-03 1,1-Dichlorocethane 2.00E-03 1.00E-04 1,1-Dichlorocethane 2.00E-03 1.00E-03 1,1-Dichlorocethane 2.00E-0	Acrytonitrile 4.39E-03 2.70E-04 Anilin Aldrin 2.55E-04 3.00E-05 Aniline Aniline 7.76E-03 3.00E-05 Benzaldehyde 1.00E-01 1.00E-01 Benzaldehyde 1.00E-01 1.00E-01 Benzaldehyde 1.00E-02 1.00E-03 Benzaldehyde 1.00E-03 5.00E-03 Benzaltiazole 1.00E-03 1.00E-03 Benzaltiazole 1.00E-03 1.00E-03 Benzaltiazole 1.00E-03 1.00E-03 Bisk2-ethylhexyl)phthalate 5.00E-03 1.00E-03 Carbazole 5.00E-03 5.00E-03 Carbazole 7.00E-03 7.00E-03 Car	2	Acetonitrite	1.00E-02	6.00E-02	-00E
Aldrin Aritime Aritime Aritime Aritime Arrazine Benzaldehyde Benzaldehyde Benzofuran Benzoritzile Benzor	Aldrin Aldrin Altine Aniine Ariine Ariine Ariine Ariine Ariine Benzaldehyde Benzaldehyde Benzaldehyde Benzaldehyde Benzorduran Benzorduran Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Carbon Tetrachloride 4.00E-03 Bis(2-ethylhexyl)phthalate Carbon Tetrachloride 4.00E-03 Carbon Tetrachloride 5.00E-03 Carbon Tetrachloride 4.00E-03 Carbon Tetrachloride 5.00E-03 Carbon Tetrachloride 6.00E-03 Carbon Tetrachloride 7.00E-03 Carbon Tetrachloride 8.00E-03 Carbon Tetrachloride 8.00E-	169	Acrylonitrile	4-39F-03	2 70E-04	N
Aniline Arraine Benzaldehyde Benzaldehyde Benzaldehyde Benzaldehyde Benzaldehyde Benzaldehyde Benzaldehyde Benzofuran Benzoir Acid Benz	Ariiine Arrazine Arrazine Arrazine Arrazine Benzadehyde 1.00E-01 1.00E-01 Benzadehyde 1.00E-01 1.00E-01 Benzadehyde 1.00E-03 5.00E-03 5.00	170	Aldrin	2 KKE-0/	100	2 1 2 2
Atrazine Benzaldehyde Benzaldehyde Benzaldehyde Benzaldehyde Benzaldehyde Benzaldehyde Benzointrile Benzointr	Atrazine Benzaldehyde Benzaldehyde Benzaldehyde Benzaldehyde Benzor Acid Benzor Acenaphthene B	171		1 171 04	200E-02	1.30E-U
Marzazine	Marzalne			7.70E-US	1.95E-03	9.75E-0
Benzaldehyde	Benzaldehyde 1.00E-01 1.00E-01 Benzornen 3.26E-02 1.00E-03 Benzorintrile 5.00E-03 8.00E-03 Benzorintrile 4.00E+00 4.00E+00 Benzorintrile 8.00E-03 8.00E-03 Benzorintrile 1.35E-03 5.00E-03 Benzorintrile 1.30E-03 8.00E-03 Benzorintrile 1.35E-03 5.00E-03 Carbon Terachloride 5.00E-03 5.00E-03 Carbon Terachloride 5.00E-03 5.00E-03 Chlorobenzene 5.00E-03 5.00E-03 Chlorobiphenyl 2.45E-02 2.45E-02 4-Chlorobiphenyl 2.35E-0 2.35E-02 4-Chlorobiphenyl 2.35E-0 2.00E-03 Chlorocethane 2.00E-03 2.00E-03 Dickloropenzene (total) 2.35E-0 1.0E-03 1, 1-Dichlorocethane 2.00E-03 3.00E-03 1, 2-Dichlorocethane 2.00E-03 3.00E-03 1, 2-Dichlorocethane 4.00E-03 3.00E-03 1, 2-Dichlorocethane	7	Atrazine	5.10E-03	5.00E-03	2.50F-0
Benzene 3.26E-02 1.00E-03 Benzofuran 5.00E-03 5.00E-03 Benzothiazole 4.00E+00 4.00E+00 Benzothiazole 1.00E-03 5.00E-03 Benzothiazole 1.00E-03 1.00E-03 Bis(2-ethylhexyl)phthalate 5.00E-03 5.00E-03 Carbazole 1.33E-03 5.00E-03 Carbon Tetrachloride 4.00E-03 5.00E-03 4-Chlorobiphenyl 5.00E-03 5.00E-03 4-Chlorobiphenyl 2.45E-02 2.45E-02 4-Chlorobiphenyl 2.45E-02 2.45E-02 4-Chlorobiphenyl 2.55E-00 7.00E-03 Chlorochtane 5.00E-03 4.00E-03 Chlorochtane 5.00E-03 2.45E-02 Chlorochtane 2.45E-02 2.45E-02 1,1-Dichlorochtane 2.06E-02 1.00E-03 1,2-Dichlorochtane 2.06E-02 1.00E-03 1,2-Dichlorochtane 2.06E-02 4.89E-03 1,2-Dichlorochtane 3.06E-04 4.89E-03 1,2-Dichlorochtane 3.06E-04	Benzene Benzofuran Benzofuran Benzofuran Benzofuran Benzofuran Benzofuran Benzofiliazole Bis(2-ethythexyl)phthalate Benzofiliazole Bis(2-ethythexyl)phthalate Benzoniline Carbazole Carbacole Carbazole Carbaz	7	Benzaldehvde	1 005-01	1 000-01	100
Benzofuran Benzofuran Benzofuran Benzofuran Benzofuran Benzofictie Benzofuran Benzofuran Benzofuran Benzofuran Benzofuran Benzofuran Benzofuran Bis/C-ethylhexyl)phthalate Carbazole Carba	Benzofuran Benzofuran Benzonitrile Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbazole Chloroberzene Chloroberzene Chlorobiphenyl Chloroberzene Chlorobiphenyl Chloroberzene Chlorobiphenyl Chloroberzene Chlor	171	Benzone	1 2/1 00	10.000	0-20E-0
Senzoir Acid	Senzoruran S.00E-03 S.00E-05 Senzoruran	1		30-302-6	1.00E-03	2
Benzoic Acid Benzotic Acid Benzothiazole Benzothiazole Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Carbazole Carban Tetrachloride 4.00E-03 5.00E-03 5.00E-03 6.0E-03 6.0E-03 7.0E-03 7.0E-	Benzoic Acid Benzothiazole Benzothiazole Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Carbazole Carbazo	C	penzoruran	5.00E-03	5.00E-03	2 50F-0
Benzonitrile Benzonitrile Benzonitrile Benzonitrile Benzonitrile Benzonitrile Biphenyl Carbazole Carbazole Carbon Tetrachloride 4.00E-03 Carbon Tetrachloride 4.00E-03 Chlorobenzene Chlorobinenyl Chlorobenzene Chlorobinenyl Chlorobenzene Chlorobenze	Benzonitrile Benzonitrile Benzonitrile Benzonitrile Benzonitrile Bronce of a benzonitrile Carbazole Chlorobinenyl 4.00E-03 Chorobinenyl Chlorobinenyl Chlorobinenyl Chlorobinenyl Chlorobinenyl Chlorobinenyl Chlorobinenyl Chlorobinenyl Chlorobinenyl Chlorobinense Chlorobinen	176	Benzoic Acid	00+400 7	V 005+00	2 000
Benzothiazole Biphenyl Biphenyl Biphenyl Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Carbon Tetrachloride 4.00E-03 5.00E-03 5.00E-03 6.00E-03	Benzothiazole Biphenyl Biphenyl Biphenyl Biphenyl Bis(2-ethylhexyl)phthalate Biphenyl Carbazole Carbazole Carbaron Tetrachloride 4.00E-03 5.00E-03 5.00E-03 6.00E-03 6.00E-0	177	Renzonitrila	100	200.100	0.100.3
Septical Parable 1.00E-03 1.00E-03 1.00E-05 Bis(2-ethylhexyl)phthalate 1.33E-03 5.00E-05 1.00E-05 2.00E-05 2.0	Senzorinazore 1.00E-03 1.00E-05 1.00	4.70		0.00E-03	8.UUE-US	JON.
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Bis(2-ethylhexyl)phthalate 5.10E-03 4.00E-03 Carbazole Carbazole 5.00E-03 7.00E-03 4.00E-03 7.00E-04 4.00E-03 7.00E-03 7	Bis(2-ethylhexyl)phthalate 5.10E-03 4.00E-03 Carbazole Carbazole 4.00E-03 5.00E-03 7.00E-03 4.00E-03 7.00E-03 4.00E-03 7.00E-03 7	7/2	Biphenyl	1.33E-03	5_00F-02	L
Carbazole Carbazole Carbazole Carbazole Carbazole Carbon Tetrachloride 4.01e-03 5.00e-03 5.00e-03 5.00e-03 6.00e-03 6.00	Carbazole Carbazole Carbazole Carbazole Carbazole Carbon Tetrachloride 4.016-03 5.006-03 5.006-03 6.00	180	Bis(2-ethylhexyl)rhthalate	5 105.02	7000	2
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Carbon Tetrachloride 4.010-03 Carbon Tetrachloride 4.00E-03 Chlorobiphenyl 4.4-Chlorobiphenyl 6.45E-02 6.46E-02 6.46E-03	Carbon letrachloride 3.16E-02 7.00E-04 Carbon letrachloride 6.00E-03 4.00E-03 Chlorobarzene 5.00E-03 2.00E-02 1.00E-02 2.45E-02 1.00E-03 2.00E-02 2.45E-02 1.00E-04 Chlorobarzene 6.00E-02 2.35E-02 1.00E-02 1.2-Dichloroethane 6.00E-02 1.00E-03 1.2-Dichloroethane 7.00E-03 1.2-Dichloroethane 7.00E-03 1.2-Dichloroethane 7.00E-03 1.2-Dichloroethane 7.00E-03 1.2-Dichloroethane 7.00E-03 1.2-Dichloroephane 7.00E-03 1.2-Dichloropropane 7.00E-03 1.00E-03 1.	2 5	calpazore	5.00E-03	5.00E-03	2.50E-0
4-Chloroaniline 4-Chlorobiphenyl 5.00E-03 Chlorobiphenyl 4-Chlorobiphenyl 5.00E-03 Chlorobiphenyl 5.00E-03 Chlorobiphenyl Chlorobiphenyl Chlorocthane Chlorocthane Dichlorobenzenes (total) 1,2-Dichlorocthane 1,2-Dichlorocth	4-Chloroaniline 4-Chlorobiphenyl 5.00E-03 5.00E-02 1.00E-01 1.2-Dichloroethane 1.2	182	Carbon Tetrachloride	3.16E-02	7.00F-04	JA
Chlorobenzene 4-Chlorobiphenyl 2.35E-02 2.45E-02 1.00E-03 2.00E-02 1.00E-02 1.00E-03	Chlorobenzene 4. Chlorobiphenyl 2.35E-02 2.45E-02 1.00E-02 2.45E-02 1.00E-02 2.35E-02 1.00E-02 1.00E-03 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-03 1.0E-01 1.00E-03 1.0E-03 1	183	4-Chloroanilina	, oor oz	1000	2 6
4-Chlorobrient 5.00E-03 2.00E-02 4,4E-02 2.45E-02 2.45E-02 1.00E-01 Chlorobrient 2.35E-02 2.33E-02 1.00E-01 Chlorobrient 2.35E-02 2.33E-02 1.00E-01	4-Chlorobrient 5.00E-03 2.00E-02 4,4-Chlorobrient 2.45E-02 2.45E-02 1,4-Chlorobrient 2.45E-02 2.45E-02 1,4-Chlorobrient 2.45E-02 2.33E-02 1,4-Chlorobrient 2.33E-02 1.00E-02 1.00E-02 1,00E-02 1,1-Dichloroethane 1,00E-01 1.00E-01 1,2-Dichloroethane 2.04E-02 9.00E-02 1,1-Dichloroethane 2.04E-02 9.00E-03 1,2-Dichloroethane 2.04E-03 9.00E-03 1,2-Dichloroethane 2.04E-03 9.00E-03 1,2-Dichloroethane 2.04E-03 9.00E-03 1,00E-03	107	off Control of Control	4-00E-05	4-00E-05	. UNE
4-Chlorobiphenyl 2.45E-02 2.45E-02 1 Chlorobiphenyl 2.33E-02 1.00E-02 1.00E-01 1.00E-02 1.00E-02 1.2-Dichloroethene 2.04E-02 2.00E-03 1.2-Dichloroethene 8.10E-01 2.00E-03 1.2-Dichloroethene 8.10E-01 2.00E-02 1.00E-03 1.2-Dichloroethene 8.10E-01 2.00E-04 1.00E-02 1.00E-04 1.00E-02 1.00E-02 1.00E-03 1.00E-03 1.00E-04 1.00E-02 1.00E-03 1	4-Chlorobiphenyl 2.45E-02 2.45E-02 1 Chlorobiphenyl 2.33E-02 1.00E-02 1.00E-01 1.00E-02 1.00E-03 1.00E	0	Curopenzene	5.00E-03	2.00E-02	2
4,4-Chlorobiphenyl 2.33E-02 1.00E-02 Chloroethane 2.65E+00 NA Chloroethane NA NA Dichloroethane 4.00E-02 9.00E-02 1,1-Dichloroethane 4.00E-02 9.00E-03 1,2-Dichloroethane 2.04E-02 9.00E-03 1,2-Dichloroethane 8.00E-02 4.89E-03 1,2-Dichloroethane 8.10E-03 8.00E-03 Dieddrin 1.00E-03 8.00E-04 Hoxachlorobanzane 1.00E-04 4.00E-03 Halathion 1.00E-04 4.00E-02 Methyl chloride 8.57E-01 6.00E-02 Methyl ethyl ketone 1.00E-02 4.00E-02 Momenthyl hydrazine 1.00E-02 4.00E-02 Momenthyl ethyl ketone 1.00E	4,4-Chlorobiphenyl 2.33E-02 2.33E-02 1.00E-02 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 1.00E-01 2.00E-02 2.04E-02 2.04E-02 3.00E-03 2.04E-02 3.00E-03 3.00E-03 2.04E-02 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-03 3.00E-04 4.00E-02 4.00E-03 3.00E-04 4.00E-03 <td>3</td> <td>4-Chlorobiphenyl</td> <td>2-45F-02</td> <td>2 45F-02</td> <td>1 22E.O.</td>	3	4-Chlorobiphenyl	2-45F-02	2 45F-02	1 22E.O.
Chloroethane Chlor	Chloroethane Chloride Chloroethane Chloroeth	186	- 14		2277 02	200
Chloroform Chloroform Dichlorobenzenes (total) Dichlorobenzenes (total) 1,1-Dichloroethane 1,2-Dichloroethane 2,04E-02 3,54E-01 3,54E-01 3,54E-01 3,00E-02 3,00E-03 3,00E-03 4,00E-03 4,00E-02 4,00E-02 4,00E-02 4,00E-02 4,00E-02 4,00E-03 8,00E-04 1,02E-02 1,02E-02 1,02E-02 1,02E-02 1,02E-02 1,02E-02 1,02E-02 1,02E-02 1,02E-03 2,00E-03 2,00E-03 2,00E-03 2,00E-03 2,00E-03 2,00E-03 2,00E-03 3,00E-03 3,0E-03	Chloroform Dichloroethane Chloroform Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,3-E-O1 1,3-E-O2 1,3-Dichloroethane 1,3-E-O1 1	107	The same of the sa	300	Z0-3CC-7	1. IOE - U
Chlorotorm NA NA NA Dibenzofuran Dibenzofuran Dichlorobenzenes (total) 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 2,04-02 1,2-Dichloroethane 3,10e-02 1,2-Dichloroethane 8,10e-03 1,2-Dichloroethane 8,10e-03 1,2-Dichloroethane 8,10e-03 8,00e-04 Hydrazine Nethylchloride Nethylchloride Nethylchloride Nethylchloride Nethylchloride Nommethyl hydrazine Nommethyl hydrazine Nommethyl hydrazine Nommethyl hydrazine Nommethyl hydrazine Nommethyl hydrazine Nommomethyl hydrazine Nommethyl hydrazine Nommethyl hydrazine Nommethyl hydrazine Nommethyl hydrazine Nommethyl hydrazine Nomethylene Nommethyl hydrazine Nome-02 Nome-03 No	Dibenzofurm NA NA NA Dichloroptorm NA Dichloropenzenes (total) 1,-Dichloroethane 1,2-Dichloroethane 2,04E-02 3,00E-02 1,2-Dichloroethane 3,10E-03 1,2-Dichloroethane 3,10E-03 1,2-Dichloroethane 1,2-Dichloroethane 2,54E-01 8,00E-02 1,00E-02 1,00E-03 1,00E-0	5 6		-02E	AN	2
Dibenzofuran Dichlorobenzenes (total) 1.01-01-01-01-01-01-01-01-01-01-01-01-01-0	Dibenzofuran Dibenzofuran Dichlorobersenes (total) 1,-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,354-01 1,360-03 1,4-Dichloroethane 1,356-04 1,356-04 1,360-02 1,346-05 1,3	00	Chlorotorm	.00E	1.00E-02	S
Dichlorobenzenes (total) 4.00E-02 9.00E-02 1,1-Dichloroethane 1.00E-01 1.00E-01 1.00E-01 1,2-Dichloroethane 2.04E-02 9.00E-03 1,2-Dichloroethane 8.10E-01 2.00E-02 1,2-Dichloroethane 8.10E-01 2.00E-02 1,2-Dichloroethane 8.10E-01 2.00E-02 1,2-Dichloroethane 8.10E-01 2.55E-04 5.00E-05 1,0-Dichloroethane 8.10E-03 8.10E-03 8.10E-03 8.10E-03 8.10E-03 8.10E-03 8.10E-03 8.10E-04 1,33E-04 6.00E-04 1,33E-04 6.00E-04 1,02E-02 2.00E-02 1,0-Dichloroethyl chorde 8.57E-01 6.00E-02 1,0-Dichloroethyl hydrazine 1.02E-02 5.00E-02 1,0-Dichloroethyl hydrazine 1.02E-02 5.00E-03 1,0-Dichloroethyl hydrazine 1.02E-02 5.00E-03 1,0-Dichloroethyl hydrazine 2.80E-04 1,0-Dichloroethyl hydrazine 2.80E-04 2.80E-04 1,0-Dichloroethyl hydrazine 2.80E-04 2.80E-04 1,0-Dichloroethylene 5.00E-02 3.00E-03	Dichlorobenzenes (total) 4.00E-02 9.00E-02 1,1-Dichloroethane 1.00E-01 1.00E-01 1.00E-01 1,2-Dichloroethane 2.04E-02 9.00E-03 1,2-Dichloroethane 8.10E-01 2.00E-02 1,2-Dichloroethane 8.10E-01 2.00E-02 1,2-Dichloroethane 8.10E-01 8.00E-05 Dietdrin 8.10E-03 8.10E-04 1.33E-04 6.00E-04 1.33E-04 6.00E-04 1.02E-02 2.00E-04 1.02E-02 2.00E-01 1.02E-02 2.00E-02 2.00E-03 2.00E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 1.00E-02 2.00E-02 3.00E-02	189	Dibenzofuran	NA	NA	VN
1,1-Dichloroethane 1,00E-01 1,00E-01 1,2-Dichloroethane 4,08E-02 4,89E-03 1,1-Dichloroethane 2,04E-02 9,00E-03 1,2-Dichloroethane 8,10E-01 2,00E-03 1,2-Dichloropropane 8,10E-01 8,00E-03 1,0E-04 1,0E-05 1,0E-04 1,0E-04 1,0E-04 1,0E-05 1,0E-04 1,0E-05 1,0E-04 1,0E-05 1,0E-04 1,0E-05 1,0E-04 1,0E-05 1,0E	1,2-Dichloroethane 1,00E-02 1,00E-03 1,2-Dichloroethane 4,00E-02 4,89E-03 1,2-Dichloroethane 4,00E-02 4,89E-03 1,2-Dichloroethane 8,10E-02 9,00E-02 1,2-Dichloroethane 8,10E-01 2,00E-02 1,2-Dichloropane 8,10E-03 8,10E-03 8,00E-04 4,80CE-02 1,00E-04 4,80CE-03 1,00E-04 1,33E-04 6,00E-04 1,33E-04 6,00E-02 1,00E-02 1,00E-03 1,00E-03 1,00E-03 1,00E-03 1,00E-03 1,00E-03 1,00E-02 1,00E-03 1,00E-02 1,00E-02 1,00E-03 1,00E-02 1,00E-	190	Dichiorobenzenes (total)	00	0 000	
1,2-Dichloroethane	1,2-Dichloroethane 4.08E-02 4.89E-03 1,1-Dichloroethane 2.04E-03 4.89E-03 1,2-Dichloroethane 2.04E-01 2.00E-03 1,2-Dichloroethane 2.04E-01 2.00E-03 1,2-Dichloroethane 2.04E-01 2.00E-03 1,2-Dichloroethane 2.05E-04 5.00E-05 5.00E-05 1,0 Eddrin 2.06E-04 1.33E-04 6.00E-04 1.33E-04 6.00E-04 1.33E-04 6.00E-04 1.33E-04 6.00E-04 1.33E-04 6.00E-04 1.00E-02 1.00E-03 1.00	101	1 1-Dichlonosthone	9 6	20-200°	2
1,7-Dichloroethene 4,08E-02 4,89E-03 1,7-Dichloroethene 2,04E-02 9,00E-03 1,2-Dichloroethene 8,10E-01 2,00E-02 1,2-Dichloroethene 8,10E-01 2,00E-02 1,2-Dichloroethene 8,10E-01 2,00E-02 0,00E-03 1,00E-04 1,00E-05 1,00E-0	1,7-Dichloroethene 4,08E-02 4,89E-03 1,7-Dichloroethene 2,04E-02 9,00E-03 1,2-Dichloroethene 8,10E-01 2,00E-02 1,2-Dichloroethene 8,10E-01 2,00E-02 1,2-Dichloroethene 8,10E-01 2,00E-02 1,2-Dichloroethene 8,10E-03 8,10E-03 Hexachlorobenzene 8,00E-04 1,33E-04 6,00E-04 1,33E-04 6,00E-04 1,33E-04 6,00E-04 1,02E-02 2,00E-04 1,02E-02 2,00E-02 1,02E-02 1,02E-03 1,02E-	- 6	1, 1 DICHOLOGUIANE	1.00E-01	1.00E-01	2
1,1-Dichloroethene 2.04E-02 9.00E-03 1,2-Dichloroethene 8.10E-01 2.00E-02 1,2-Dichloroethene 8.10E-01 2.00E-02 1,2-Dichloropane 8.10E-01 2.00E-02 0.00E-03 0.00E-04 1.35E-04 5.00E-05 0.00E-04 1.33E-04 6.00E-04 1.33E-04 6.00E-04 1.33E-04 6.00E-04 1.33E-04 6.00E-04 1.33E-04 6.00E-04 1.00E-02 1.00E-03 1	1,1-Dichloroethene 2.04E-02 9.00E-03 1,2-Dichloroethene 8.10E-01 2.00E-02 1,2-Dichloroethene 8.10E-01 2.00E-02 1,2-Dichloropane 3.54E-01 8.60E-03 5.54E-01 8.60E-03 5.54E-01 8.00E-05 5.00E-05 8.10E-03 8.10E-03 8.10E-03 8.10E-04 4.133E-04 6.00E-04 1.03E-02 2.00E-04 1.03E-02 2.00E-04 1.03E-04 1.03E-02 2.00E-02 1.03E-03 1.03E-04 1.03E-03 1.03E-04 1.03E-03 1.03E-04 1.03E-03 1.03E-03 1.03E-04 1.03E-03	7	1,2-Ulchloroethane	4.08E-02	4.89E-03	
1,2-Dichloroethene 8.10E-07 2.00E-02 1,2-Dichloroethene 8.10E-07 2.00E-02 1,2-Dichloropropane 3.54E-01 8.60E-03 5.61C-07 2.00E-05 5.00E-04 5.00E-05 8.00E-04 8.00E-04 8.00E-04 1.33E-04 6.00E-04 1.33E-04 6.00E-04 1.33E-04 6.00E-04 1.02E-02 2.00E-02 1.02E-02 2.00E-02 1.02E-02 2.00E-02 1.02E-02 2.00E-02 1.02E-02 2.00E-01 1.02E-02 2.00E-02 1.02E-02 2.00E-03 1.02E-02 2.00E-03	1,2-Dichloroethene 8.10E-07 2.00E-02 1,2-Dichloroethene 8.10E-07 2.00E-05 Dieldrin 2.55E-04 5.00E-05 Dieldrin 8.00E-05 8.10E-07 8.00E-05 Reachlorobenzene 8.10E-03 8.10E-03 Reachlorobenzene 8.00E-04 8.00E-04 1.33E-04 6.00E-04 1.33E-04 6.00E-04 1.33E-04 6.00E-02 Rethyl chloride 8.57E-01 6.00E-02 Rethyl ethyl ketone 8.57E-01 6.00E-02 Rethyl henol 8.57E-01 6.00E-02 Rethyl hydrazine 8.57E-01 6.00E-02 Rethyl hydrazine 7.10E-02 5.00E-07 1.80E-04 1.00E-03 S.10E-02 6.00E-03 Rechaphthalene carbonitrile 5.10E-02 4.00E-03 Rechaphthalene 6.00E-02 6.00E-02 8.00E-02 8.0	193	1,1-Dichloroethene	2.04F-02	O DOE-OZ	•
1,2-Dichtopropane 3.54E-01 6.00E-02 Dieldrin 5.51E-04 8.00E-03 B.10E-03 B.10E-03 B.00E-04 B.00E-02 B.00E-04 B.00E-04 B.00E-02 B.00E-03 B.0	1,2-Dichtorpropane 3.54E-01 4.00E-02 Dietdrin 5.55E-04 5.00E-03 Dietdrin 5.55E-04 5.00E-05 B.10E-03 B.10E-03 B.10E-05 B.00E-04 B.00E-02 B.00E-03 B.00E-03 B.00E-03 B.00E-03 B.00E-02 B.	194	1.2-Dichloroethene	8 105.01	200100	2 5
Dieddrin Dieddrin Dieddrin Dieddrin Dimethyldisulfide Dimethyldisulfide Dimethyldisulfide B.10E-03 B.00E-04 B.00E-05 B.00E-05 B.00E-05 B.00E-02 B.00E-02 B.00E-02 B.00E-02 B.00E-02 B.00E-02 B.00E-03 B.0	Dietdrin Dietdrin Dietdrin Dietdrin Dietdrin Dimethyldisulfide Dimethyldisulfide B.10E-03 B.00E-04 B.00E-02 B.00E-03 B.0	105	1 2.0 to honoran	2.105-01	20-200-2	2
Dietdrin Dimethyldisulfide Dimethyldisulfide B.10E-03 B.30E-04 B.00E-04 B.00E-04 B.00E-04 B.00E-04 B.00E-04 B.00E-04 B.00E-04 B.00E-04 B.00E-02 B.00E-03 B.0	Dieturin Dieturin Dieturin Dimethyldisulfide 8.10E-03 8.10E-03 8.10E-03 Hydrazine Lindane Malathion Methyl choride Methyl choride Methyl ketone 4.Methylphenol Monomethyl hydrazine Naphthalene Naphthalene Carbonitrile Naphthalene Carbonitrile Naphthalene Carbonitrile Naphthalene Carbonitrile S.10E-02 S.00E-03 S.00E-04 S.00E-03	22	1, c-ulcilloropropane	3.54E-01	8.60E-03	S
Dimethyldisulfide B.10E-03 Hexachlorobenzene Hydrazine Lindane Hydrazine Lindane Malathion Methyl chloride Methyl ethyl ketone 4-Methylphenol Monmethyl hydrazine Maphthalene Naphthalene Rober of Arone of A	Dimethyldisulfide 8.10E-03 8.10E-03 8.10E-03 8.10E-04 8.00E-04 8.00E-04 8.00E-04 8.00E-04 1.33E-04 6.00E-04 1.33E-04 6.00E-04 1.03E-02 2.00E-04 1.02E-02 2.00E-02 1.03E-02 1.03E-03 1.0	196	Dieldrin	2.55E-04	5_00F-05	505
Hexach lorobenzene 8.00E-04 8.00E-04 Hydrazine 1.33E-04 6.00E-04 1.33E-04 6.00E-04 1.33E-04 6.00E-04 1.33E-04 6.00E-04 1.33E-04 6.00E-04 1.00E-02 2.00E-02 1.00E-02 1.00E-03 1	Hexachlorobenzene 8.00E-04 8.00E-04 Hydrazine 1.33E-04 6.00E-04 1.33E-04 6.00E-04 1.33E-04 6.00E-04 1.33E-04 6.00E-04 1.33E-04 6.00E-04 1.00E-02 1.00E-03 1.	197	Dimethyldisulfide	8 10E-02	8 105-02	1
Hydrazine	Hydrazine	100	Hovord donothon	0.100	0.100.00	2
Margazine	Margazine	2 5	וופעמרוו נסו סמפוולפוופ	8.00E-04	8.00E-04	4.00E-04
Lindane Lindane Matathion Matathion Methyl chloride Methyl chloride Methyl ethyl ketone 4-Methylphenol Monomethyl hydrazine Naphthalene Naphthalene Acenaphthalene	Lindane Matathion Mathyl chloride Methyl chloride Methyl chloride Methyl ethyl ketone 4-Methylphenol Monomethyl hydrazine Maphthalene Maphthalene Acenaphthale	2	Hydrazine	1.33E-04	6.00E-04	.00F
Malathion Methyl chloride Methyl chloride Methyl chloride Methyl ethyl ketone Momethyl ketone Momethyl hydrazine Maphthalene M	Malathion Methyl chloride Methyl chloride Methyl chloride Methyl chloride Methyl ethyl ketone 4-Methylphenol Monomethyl hydrazine Naphthalene carbonitrile Naphthalene carbonitrile Naphthalene Naphthalene Naphthalene Naphthalene S.10E-02 S.00E-02 S.00E-01 S.10E-02 S.00E-02 S.00E-03	200	Lindane	5 10F-04	3 OUE-0/	1 EDE-07.
Methyl chloride Methyl chloride Methyl chloride Methyl ethyl ketone Methyl ethyl ketone 4-Methylphenol Monomethyl hydrazine Maphthalene Macenaphthalene M	Methyl chloride 1.02E-02 2.00E-02 Methyl chloride 8.57E-01 1.80E-02 Methyl ethyl ketone 8.57E-01 6.00E-02 4.Methyl phenol 1.02E-02 5.00E-02 7.02E-04 1.02E-02 5.00E-04 1.02E-02 5.00E-04 1.02E-02 5.00E-04 1.02E-02 5.00E-04 1.02E-03 5.00E-04 1.02E-04 1.02E-04 1.02E-04 1.02E-04 1.02E-04 1.02E-04 1.02E-04 1.02E-04 1.02E-04 1.00E-03 1.00E-03 1.00E-02 1.00E-0	201	Malathion	בס דכס ב	1000	100
Methyl chloride 1.05E-01 1.80E-02 Methylene chloride 8.57E-01 6.00E-02 Methyl ethyl ketone 9.00E-02 5.00E-01 4.Methylphenol 1.02E-02 5.00E-01 6.00E-02 6.00E-02 6.00E-03 6.00E-03 6.00E-03 6.00E-02 8.80E-04 1.80E-04 1.80E-02 1.80E-02 1.80E-02 1.80E-02 1.80E-02 1.80E-02 1.80E-02 1.80E-02 1.80E-02 1.80E-04 1.80E-02 1.80E	Methyl chloride 1.05E-01 1.80E-02 Methylene chloride 8.57E-01 6.00E-02 Methyl ethyl ketone 9.00E-02 5.00E-01 4-Methylphenol 1.02E-02 5.00E-01 Monomethyl hydrazine 1.94E-05 2.20E-04 Naphthalene carbonitrile 5.10E-02 4.00E-03 Naphthalene carbonitrile 5.10E-02 4.00E-03 Naphthalene 6.00E-02 6.00E-03 Acenaphthalene 6.00E-02 3.00E-02 3.00E-02 Ghrysene 3.00E-02 3.00E-02 1.00E-02 3.00E-03 3.00E-02 3.00E-	200		20-320-I	Z. UUE - UZ	1.00E-02
Methylene chloride 8.57E-01 6.00E-02 Methyl ethyl ketone 9.00E-02 5.00E-01 4-Methylphenol 1.02E-02 5.00E-02 Monomethyl hydrazine 1.94E-05 2.20E-04 Naphthalene 5.10E-02 4.00E-03 Naphthalene carbonitrile 5.10E-02 4.00E-03 n-Nitrosodimethylamine 2.80E-04 2.80E-04 Acenaphthalene 6.00E-02 3.00E-02 Acenaphthalene 6.00E-02 3.00E-02 Barzo(a) pyrene 3.00E-02 3.00E-02 Chrysene 3.00E-02 3.00E-02	Methylene chloride 8.57E-01 6.00E-02 Methyl ethyl ketone 9.00E-02 5.00E-01 4-Methylphenol 1.02E-02 5.00E-01 Monomethyl hydrazine 1.94E-05 2.20E-04 Naphthalene 5.10E-02 4.00E-03 Naphthalene 5.10E-02 4.00E-03 Naphthalene 2.80E-04 2.80E-04 PAHS Acenaphthalene 6.00E-02 6.00E-02 Acenaphthalene 6.00E-02 5.00E-02 3.00E-02 Benzo(a pyrene 3.00E-02 3.00E-02 3.00E-02 Chrysene 3.00E-02 3.00E-02 3.00E-02	202	metnyl chloride	1.05E-01	1.80E-02	S
Methyl ethyl ketone 9.00E-02 5.00E-01 4-Methylphenol 1.02E-02 5.00E-02 Monomethyl hydrazine 1.94E-05 2.20E-04 Naphthalene 5.10E-02 4.00E-03 Naphthalene 5.10E-02 4.00E-03 Naphthalene 5.10E-02 4.00E-03 PAHS 2.80E-04 2.80E-04 Acenaphthalene 6.00E-02 6.00E-02 Acenaphthene 6.00E-02 3.00E-02 Ehrvesne 5.00E-02 3.00E-02 Ehrvesne 5.00E-02 3.00E-02	Methyl ethyl ketone 9.00E-02 5.00E-01 4-Methylphenol 1.02E-02 5.00E-01 Monomethyl hydrazine 1.94E-05 2.20E-04 Naphthalene 5.10E-02 4.00E-03 Naphthalene 5.10E-02 4.00E-03 n-Nitrosodimethylamine 5.10E-02 4.00E-03 Acenaphthalene 6.00E-02 6.00E-02 Acenaphthene 6.00E-02 6.00E-02 Benzo(a) pyrene 3.00E-02 3.00E-02 Chrysene 3.00E-02 3.00E-02	203	Methylene chloride	8.57F-01	4 NOF.02	
4 Methylphenol	4-Methylphenol 4-Methylphenol 4-Methylphenol 6-01 6-01 6-01 6-01 6-01 6-01 6-01 6-01	204	Mathyl athyl katona	0 000	100	2 1 2
4-Methylphenol	4-Methylphenol 1.02E-02 5.00E-02 Monomethyl hydrazine 1.94E-05 2.20E-04 Mohthalene carbonitrile 5.10E-02 4.00E-03 n-Nitrosodimethylamine 2.80E-04 2.80E-04 2.80E-04 Acenaphthalene 6.00E-02 6.00E-02 3.00E-02 3.00	100	אברוולר ברוולר עברחום	7. JUL - UZ	5.UUE-UI	2.5UE-U1
Monomethyl hydrazine 1.94E-05 2.20E-04 Naphthalene Naphthalene carbonitrile 5.10E-02 4.00E-03 Naphthalene carbonitrile 5.10E-02 4.00E-03 Naphthalene Carbonitrile 5.10E-02 4.00E-03 Naphthalene 6.00E-02 6.00E-02 Senzo(a) Naphthalene 6.00E-02 3.00E-02 3.0	Monomethyl hydrazine 1.94E-05 2.20E-04 Naphthalene carbonitrile 5.10E-02 4.00E-03 Naphthalene carbonitrile 5.10E-02 4.00E-03 Naphthalene carbonitrile 5.10E-02 4.00E-03 Naphthalene 6.00E-02 4.00E-03 Naphthalene 6.00E-02 6.00E-02 3.00E-02	202	4-Methylphenol	1.02E-02	5.00E-02	2. 50F-02
Naphthalene carbonitrile 5.10E-02 4.00E-03 Naphthalene carbonitrile 5.10E-02 4.00E-03 PAHs Acenaphthalene 6.00E-02 6.00E-02 Acenaphthalene 6.00E-02 5.00E-02 Belazo(a) pyrene 5.00E-02 5.00E-02 10E-02 10E-0	Naphthalene carbonitrile 5.10E-02 4.00E-03 Raphthalene carbonitrile 5.10E-02 4.00E-03 PAHS Acenaphthalene 6.00E-02 6.00E-02 Acenaphthalene 6.00E-02 6.00E-02 Benzo(a) pyrene 3.00E-02 3.00E-02 Chrysene	206	Monomethyl hydrazine	1 04F-05	205	1 105.07
Aphthalene carbonitrile 5.10E-02 4.00E-03 7.10E-02 4.00E-03 7.10E-02 4.00E-03 7.10E-02 4.00E-03 7.10E-02 4.00E-03 7.10E-02 4.00E-02 7.10E-02 7.00E-02 7.00E-	Maphthalene carbonitrile	202	Nanhthal and	101	L. COL 04	100000
Naphthalene carbonitrile 5.10E-02 4.00E-03 2.80E-04 2.80E-04 1.80E-04 1.80E-04 1.80E-04 1.80E-04 1.80E-02 3.00E-02 3.00	Naphthalene carbonitrile 5.10E-02 4.00E-03 2.80E-04 1.80E-04 1.80E-04 1.80E-04 1.80E-04 1.80E-04 1.80E-04 1.80E-04 1.80E-05 1.80E-02 3.00E-02 3.00E-02 3.00E-02 3.00E-02 1.80E-02 3.00E-02 3.00E-02 1.80E-02 3.00E-02 3.00			3. IUE-UZ	4.00E-US	Z.UUE-US
n-Nitrosodimethylamine 2.80E-04 2.80E-04 PAHs Acenaphthalene 6.00E-02 6.00E-02 3.00E-02 1.00E-02 1.00E	n-Nitrosodimethylamine 2.80E-04 2.80E-04 PAHS Acenaphthalene 6.00E-02 6.00E-02 3 Acenaphthene 5.00E-02 3.00E-02 3 Chrysene 3.00E-02 3.00E-02 1	200	Naphthalene carbonitrile	5.10E-02	4.00E-03	2.00E-03
Acenaphthalene 6.00E-02 6.00E-02 3.00E-02 1 Enzolen 1 2.00E-02 3.00E-02 1 Enzolen 2 3.00E-02 1	Acenaphthalene 6.00E-02 6.00E-02 3 4.00E-02 3 5.00E-02 3.00E-02 3.00E-02 5.00E-02 10E-02 10E-	209	n-Nitrosodimethylamine	2 ROF-04	2 ADE-07	1 405-04
Acenaphthalene 6.00E-02 3 Acenaphthene 6.00E-02 3 Benzo(a)pyrene 3.00E-02 3.00E-02 1	Acenaphthalene 6.00E-02 6.00E-02 3 Acenaphthene 6.00E-02 6.00E-02 3 Benzo(a)pyrene 3.00E-02 3.00E-02 1 Chrysene 3.00E-02 3.00E-02 1	210	ранс	300	C . CUE - U+	1.400.04
Acehaphthatene 6.00E-02 6.00E-02 3 Acehaphthene 6.00E-02 6.00E-02 3 Berzo(a) pyrene 5.00E-02 1.00E-02	Acenaphthalene 6.00E-02 6.00E-02 3 Acenaphthene 6.00E-02 6.00E-02 3 Benzo(a)pyrene 3.00E-02 3.00E-02 1 Chrysene 3.00E-02 3.00E-02		TAILS			
Acenaphthene 6.00E-02 6.00E-02 3 9 Ehrosene 7.00E-02 1 1 Ehrosene 7.00E-02 1 Ehrosene 7.	Acenaphthene 6.00E-02 6.00E-02 3 Benzo(a)pyrene 3.00E-02 10E-02 1 Chrysene 3.00E-02 3.00E-02 1	-	Acenaphthalene	6.00E-02	6.00E-02	3.00E-02
Benzo(a)pyrene 3.00E-02 3.00E-02 1	Benzo(a)pyrene 3.00E-02 3.00E-02 1.00E-02 1.00E-	212	Acenaphthene	6.00E-02	6.00E-02	3 ODE-02
Chryspine 2 - 2001 2 2001 2 2 2001 2	Chrysene 3.00E-02 3.00E-02 1	213	Benzo(a)pyrene	3 DOF-02	Z 00E-02	4 FOR 02
CO LOU C CUITANTE CO LOU CO LO	Sill ysene 3.00E-02 3.00E-02	217	Christian	11001	1.00E-0F	1.306.06

IC.	1.50E-02	2 00E-02	1.50E-02	1.50E-02	3.00E-03	4.00E-04	3.00E-01	S	1.00E-01	1.50E-04	N	NC	1.00E-02	NO	6.10E-04	4.00E-04	S	N	2	2		5,00F-05	5.00E-05	N C	S	2	S	1.50E-05	Š	2	NC
ш	3.00E-02	4. OUE-02	3.00E-02	3.00E-02	6.00E-03	8.00E-04	6.00E-01	1.00E-03	2.00E-01	3.00E-04	1.00E-02	2.00E-01	2.00E-02	7.35E-03	1.22E-03	8.00E-04	1.00E+00	1.30E-03	2.00E+00			1.00F-03	1.00E-03	NC	S	3.80E-02	S	3.00E-04	NC	S	2.00E-01
D TABLE 34	3.00E-02	4_00F-02	3.00E-02	3.00E-02	5,10E-05	8.00E-04	1.94E-02	1.63E-02	2.00E-01	3.00E-04	3,46E-01	5.71E-01	3.00E-03	2.74E-01	1.22E-03	8.00E-04	2.00E-01	1.33E-02	8.57E-02			2.04E-04	5.10E-05	5.10E-04	5.10E-05	1.00E-02	1.02E-03	8.57E-05	2.04E-04	1.02E-05	8.19E-03
U	Dibenzo(a,h)anthracene Fluoranthene	Fluorene	Phenanthrene	Pyrene	Parathion	Pentachlorobenzene	Phenol	Pyridine	Quinoline	Tetrachlorobenzene	Tetrachloroethene	Toluene	Trichlorobenzene	Trichloroethene	Unsym. dimethyl hydrazine	Vapona	Vinyl acetate	Vinyl chloride	Xylenes (total)		INORGANICS	Arsenic	Cachnium	Chromium (III)	Chromium (VI)	Copper	Iron	Mercury	Selenium	Silver	Zinc
	215 216	217	218	219	220	221	222	223	224	225	526	227	228	229	230	231	232	233	234	235		237	238	239	240	241	242	243	544	245	546

N M L M	VEGETABLE MILK BEEF SOIL/DUST FISH DERMAL INGESTION INGESTION EXPOSURE HAZARD HAZARD HAZARD HAZARD HAZARD HAZARD HAZARD HAZARD HAZARD GUOTIENT QUOTIENT QUOTIENT QUOTIENT	NA NA NA NA NA NA 1.296-19 6.126-13 1.296-19 6.126-13	NA NA NA NA	.67E-13 1.10E-13 3.55E-16 9.36E-23 1 .77E-15 1.82E-15 1.98E-13 1.20E-16 7	8.66E-17 2.71E-17 4.76E-16 0.00E+00 1.72E-1	NA NA NA NA	1 3.06e-14 9.60e-15 1.71e-13 1.11e-16 6	.58E-11 1.13E-14 4.	33E-17 2.23E-17 8.00E-16 2.51E-21	NA N	-13 3.43E-16 8.92E-17 7.71E-16 6.61E-19 2.7	3 54E-18 1 28E-18 5 52E-17 2 25E-10 1 00E	NA N	2.15E-16 3 5.07E-17 6	N SN	AN THE	NA NA NA	NA NA NA NA	6.60E-18 4.03E-16 1.17E-20 1.4	NA NA NA	NA NA NA NA NA NA NA	12 0.84E-14 8.09E-15 5.91E-16 2.	11 2.18E-12 2.79E-13 6.46E-14 5.38E-16 2.33E-	05 5.52E-14 2.16E-14 1.11E-10 5.87E-17 4.01E-	3.54E-18 3.03E-17 1.58E-22 1.09	NA N	NA NA NA NA	.02E-14 8.43E-20 3.27E-20 6.63E-18 0.00E+00 2.39E-1	.9/E-14 4.39E-18 1.56E-18 6.02E-17 5.43E-22 2.17E-1 .77E-06 4.74E-14 1.84E-14 0.57E-11 5.07E-17 2.4EE-1	.88E-14 4.35E-17 1.11E-17 8.87E-17 3.71E-17 3.20E-1	52E-10 2.30E-13 5.85E-14 4.69E-13 8.55E-16 1.69E	.33E-U8 3.88E-10 1.32E-16 7.65E-14 0.UUE+UU 2.76E-1	5.33E-13 2.52E-15 4.81E-16 1.42E-15 1.75E-18 5.13E-15
H TABLE 35 ADULT HAZARD INDEX	INHALATION HAZARD QUOTIENT	2.41E-15 3.97E-10	3.85E-10	2.42E-14 2.88E-11	2.71E-13 1.02E-12	3.92E-14	9.90E-11	1.36E-10	4.64E-13	3,75E-10 5,37E-14	4.47E-13						.20E-14	.66E-14	2.80E-14	2.09E-15	2.05E-15	3.84E-13	3.74E-11	2.91E-07	1.05E-14	1.45E-14	1.07E-13				2.13E-11	11-36-+	8.25E-13
U	FARM BASE CASE	ORGANICS Acetone Acetonitrile	Acrylonitrile	Aniline	Atrazine Benzaldehyde	Benzene	Benzoic Acid	Benzonitrile	Benzothiazole	Bipnenyl Bis(2-ethylhexyl)phthalate	Carbazole	4-Chloroaniline	Chlorobenzene	4-Chlorobiphenyl	Chloroethane	Chlorotorm Dibenzofuran	Dichlorobenzenes (total)	1,1-Dichloroethane	1,7-Dichloroethene	1,2-Dichloroethene	1,2-Dichloropropane	Dimethyldisulfide	Hexachiorobenzene	Hydrazine	Lindane Malathion	Methyl chloride	Methylene chloride	Methyl ethyl ketone	4-metnytphenot Monomethyt hydrazine	Naphthalene	Naphthalene carbonitrile	PAHS	Acenaphthalene

0	5.80E-12	2 515-12	1.70E-15	9.02E-12	4.84E-13	2.68E-11	1.12E-14	6.67E-11	1.12E-13	5.27E-11	6.05E-16	5.85E-15	1.04E-12	8,15E-15	7.15E-06	1 90F-13	6. 90F-15	9 62F-14	2.78E-15		4 715.00	4 507.40	4 405-10	2 325-11	5 DOF-12	1 19F-06	6.75E-10	7.30E-10	6.66E-11	4.77E-11	4.12E-05
z	2.06E-14	1 555-14	8.03E-18	4.12E-14	2.55E-17	9.49E-14	2.02E-18	AN	3.48E-16	1.24E-13	NA	NA.	9.45E-16	AX	2.45E-10	7.56E-16	NA	AN	NA		0 145.13	725 17	4.13E-14	4	N.	N	1.02E-12	NA	N.	NA	1.01E-09
Σ	2.65E-15	7 30F-10	3.35E-18	5.35E-17	5.29E-23	¥2	AN	A	3.17E-20	A.	Z.	NA	4.80E-19	AN	3.60E-17	2.64E-22	NA	M	NA		C 24E-13	4.30E-12	¥ ×	Q N	1 39F-14	NA	X	A	N	1.016-14	4.38E-12
_	5.716-15	4.205-16	2.23E-18	1.14E-14	7.08E-18	2.63E-14	5.61E-19	NA	9.65E-17	3.45E-14	AN	NA	2.62E-16	NA	6.80E-11	2.10E-16	NA	AN	NA		2 245.12	1 215-16	- N	Z AN	AN	A	2.83E-13	NA	AN	AN	2.79E-10
¥	2.30E-13	2.38F-16	1.71E-18	2.75E-14	1.63E-18	5.19E-14	9.00E-21	NA	2.75E-18	1.88E-14	A.	Ą	7.72E-17	NA	2.50E-14	3.17E-18	NA	AN	NA		2 KSE-12	7 08E-15	NA S	AN	AN	Y.	8.70E-11	N	NA	NA	9.15E-11
~	1.98E-12 8 33E-14	1.40E-15	1.07E-17	2.03E-13	7.68E-18	3.76E-13	2.42E-20	¥.	7.82E-18	1.10E-13	NA	NA	3.90E-16	AN	6.39E-14	8.48E-18	AX	AN	NA		2 1KE-10	2 5/E-13	NA NA	N.	N.	N.	2.36E-12	NA	NA	AN	2.34E-10
I	2.45E-13 8.43E-13	9-86E-14	3.87E-16	2.12E-12	1.27E-15	1.10E-11	-	NA	5.59E-14	3.25E-11	NA		2.83E-14	NA	7.12E-06	6.72E-14	Ä	NA	AN		11-357 S	75-12 7 43E-13	NA NA	N	N.	AN	1.03E-11	NA	NA	NA	3.91E-05
H TABLE 25	3.31E-12	2.48E-13	1.29E-15	6.62E-12	4.83E-13	1.52E-11	1.01E-14	6-67E-11	5.59E-14	2.00E-11	6.05E-16	5.85E-15	1.01E-12	8.15E-15	3.94E-08	1.22E-13	6.90E-15	9.62E-14	2.78E-15		6 42F-09	1 405-10	6. 60F-11	2.32E-11	4.98E-12	1.19E-06	5.73E-10	7.30E-10	6.66E-11	4.77E-11	2.15E-06
ပ	Dibenzo(a,h)anthracene		ene			hlorobenzene				ø	loroethene		a		Unsym. dimethyl hydrazine		acetate	Vinyl chloride	Xylenes (total)	INORGANICS	Arsenic	Cachium	Chromium (111)	Chromium (VI)	Copper	Iron	Mercury	Selenium	Silver	Zinc	Total (Hazard Index)
8 2 B	ر د م	~	∞	0	0	_	2	M	4	ın.	9	~	80	0	0	-	cu.	M	41			· en	0	0	_	a	24	.+	10	50 N	. 00
155	215	2	7	2	22	22	22	22	22	22	22	22	22	22	23	23	33	23	234	236	23	23	235	240	241	242	54	544	54	246	5

The state of the	3	DERMAL ON EXPOSURE HAZARD QUOTIENT	10 7 02E-13	NA.	2.18E	2.93E-1	1.08E-1	1.05E-1	20 1.32E	21 4.92E-1		-18 4.74E-15	NA 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	า	1.3	٠		T X	NA	20 2.48E-15	X X	N	20 2.41E-15	3.97E-	6.85E-		NA NA	NA	4.08E-	3.70E-	5.46E-	15 2.89E-12 30 4.71E-13	9 74E. 1	8.76E-1	7 3.52E-14
CHILD HAZARO INDEX CHILD HAZARO INDEX	>							2 2.50E-	1.24E-	5 5.67E-	NA 1 RZE-	5 1.49E	NA 7								X X	¥	7			r, c	_								
C	ח		NA 1		14) 2			1.54E-1	1.94E-1	7.23E-1	1.07F-1	6.97E-1	NA A ORE-1	NA	2.00E-1	NE NE	A L	Z Z	NA	.64E-1	N AN	A	5.55E	.83E	1.01	2.73E-1	NA NA				-	7.0			u i u
TABLE 36	-	BEEF INGESTION HAZARD QUOTIENT	NA 7.85F	NA	2.73E-1	6.75E-1	16E-1	,,,		5.57E-1	1-92E-	2.22E-	3,20F.	NA	7.73E	NE NE			AN	-	N AN	N S	Z.UZE-	9	IO (ĸ	j	NA	8.16E-20	4.64E-14	2.76E-17	1.46E-13 3.78E-16	1.20E-15	9.58E-16	4.80E-13
TABLE 36 CHILD HAZARD INDE One INHALATION VE HAZARD INDE INHALATION VE HAZARD INDE INHALATION VE HAZARD INDE Interpretation in the color of	Ø	MILK INGESTION HAZARD QUOTIENT	NA 4.66F		יט ע	יאינ	4.47E-1		w	נאנ	3.95E-11	1.98E-15	2-05F-17		(1	•			•	.03E-	NA.							¥	87E-1	74E-1	51E-1	33E-1 24E-1	1-45F-14	1.09E-14	9.53E-12
INHAL INHAL HAZ HAZ HAZ Lonitrile S. Join Join Jordinazole Sazole Sazole Jordinazole Jordinazole Sazole Jordinazole Jordinazole Sazole Jordinazole Jordinazole Sazole Jordinazole Jordinazole Jordinazole Sazole Jordinazole	_	VEGETABLE INGESTION HAZARD QUOTIENT				,,,		-	₹ . ₹	M	NA 6.31E-1	3.70E-1	2.15E-1	•	n 0	ī		NA		N A	NA.	NA P.	NA NA	3.12E-11	5.18E-05	3 01F-16	NA	NA .	6.49E-14	1.66E-05	6.13E-14	3.24E-1U 2.85E-08	1-14E-12	5.20E-13	3.75E-13
S. S. tone tonitrile ylonitrile ylonitrile zaldehyde zaldehyde zaldehyde zoot. A.id zoot. A.id zoothiazole henyl (2-ethylhexyl)phthalate bazole zoothiazole henyl (2-ethylhexyl)phthalate bazolitrile zoothiazole henyl (2-ethylhexyl)phthalate bazole zoothiazole henyl (2-ethylhexyl)phthalate bazolitrile zoothiazole henyl (2-ethylhexyl)phthalate bazolitrile lorobenzene lorobenzene obichloroethene obichloroethene obichloroethene obichloroethene obichloroethene obichloroethene obichloroethene obichloroethene obichlorobenzene azine thion forlorobenzene drin wethyl ketone thyl ketone thyl hydrazine thalene thalene cenaphthalene cenaphthalene cenaphthene	шО	INHALATION HAZARD QUOTIENT	5.45E-15 8.97E-10	8.70E-10	5.46E-14	6.11E-13	2.30E-12 8.86F-14	2.24E-10	2.81E-14 3.07E-10	1.05E-12			7,22E-14	1.39E-13	2.90E-14 1.54E-15	9.62E-15	2.49E-12	7.22E-14	8.26E-14	2.17E-13	4.72E-15	4.62E-15	8.68E-13	8.45E-11	6.57E-07	3.446-15	3.27E-14	2.42E-13	4.82E-14	1.42E-06	9.11E-15	4.82E-11	.86E-1	-86E-1	48E-1
	.	CASE	ORGANICS Acetone Acetonitrile	Acrylonitrile	Aldrin	Atrazine	izaldehyde izene	Benzofuran	zoic Acid	Benzothiazole	henyl (2-ethylhexyl)phthalate	Carbazole Carbar Intrachlanida	4-Chloroaniline	Chlorobenzene	ntorobiphenyt -Chtorobiphenyt	Chloroéthane	orotorm enzofuran	Dichlorobenzenes (total)	Dichloroethane	-Dichloroethene	-Dichloroethene	-Dichloropropane	Dimethyldisulfide	Hexachiorobenzene	Hydrazine	athion	Methyl chloride	nylene chloride	nyl etnyl ketone othylnhenol	Monomethyl hydrazine	Naphthalene	Naphthalene carbonitrile n-Nitrosodimethylamine	s Acenaphthalene	Acenaphthene	Benzo(a)pyrene Chrysene

156 Diemzota, h) anotheracene TABLE 36 R																																	
Diberzota, hanthracene	×	2.01E-11	7.97E-12	7.85E-13	3.84E-15	2.08E-11	1.09E-12	6.06E-11	2.51E-14	1.51E-10	2.47E-13	1.16E-10	1.37E-15	1.32E-14	2.35E-12	1.84E-14	1.53E-05	4.20E-13	1.56E-14	2.17E-13	6.28E-15		1 50F-DR	3.39F-10	1.49E-10	5.25E-11	1.13E-11	2.68E-06	1.55E-09	1.65E-09	1.50E-10	1.08E-10	8.85E-05
Dibenzo(a,h)anthracene	3	3.52E-14	2.64E-14	2.64E-15	1.37E-17	7.03E-14	4.35E-17	1-62E-13	3.45E-18	NA	5.94E-16	2.12E-13	NA.	AN	1.61E-15	NA	4.19E-10	1.29E-15	NA	AN	NA		1 30F-11	8.07F-14	AN	NA	AN	NA.	1.74E-12	NA	AN	NA	1.72E-09
Dibenzo(a,h)anthracene	>	5.98E-15	A N	1.65E-18	7.57E-18	1.21E-16	1.19E-22	AN	NA	NA	7.16E-20	NA	NA	NA	1.08E-18	NA	8.13E-17	5.97E-22	NA	A.	NA		O 84E-12	NA	AN	NA.	3.14E-14	Ą	NA	AN	AN	2.29E-14	9.90E-12
Dibenzo(a,h)anthracene	n	5.16E-14	3.87E-14	3.87E-15	2.01E-17	1.03E-13	6.39E-17	2.38E-13	5.07E-18	NA	8.72E-16	3.11E-13	NA.	NA	2.37E-15	NA	6.15E-10	1.89E-15	N.	NA.	NA		2.04E-11	1.18F-13	AN	¥	N.	X.	2.55E-12	NA	AN	AN	2.52E-09
Dibenzo(a,h)anthracene	;	5.74E-13	2.78E-14	5.92E-16	4.26E-18	6.85E-14	4.06E-18	1.30E-13	2.24E-20	NA	6.86E-18	4.69E-14	NA	NA NA	1.93E-16	N	6.24E-14	7.90E-18	NA	NA	A		6.61F-12	1.765-14	NA	N.	N	NA	2.17E-10	NA	N	NA	2.28E-10
Dibenzo(a,h)anthracene 7.48E-12 4	Ø	1.146-11	4.81E-13	8.07E-15	6.19E-17	1.17E-12	4.43E-17	2.17E-12	1.40E-19	NA	4.51E-17	6.37E-13	NA	NA	2.25E-15	NA	3.69E-13	4.90E-17	NA	W	AN		1.25F-09	1-47E-12	NA	AN	NA	NA	1.36E-11	NA	NA	NA	1.35E-09
Dibenzo(a,h)anthracene Fluoranthene Fluoranthene Fluoranthene Phenanthrene Pyrene Parathion Pentachlorobenzene Tetrachlorobenzene Tetrachlorobenzene Trichlorobenzene Vapona Vinyl acetate Vinyl chloride Xylenes (total) Sylenes (total) Sylenes (total) Sylenes (total) Sylene Copper Tron Mercury Selenium Silver Total (Hazard Index) 4, 4	~	4.88E-13	1.78E-12	2.09E-13	8.17E-16	4.47E-12	2.68E-15	2.35E-11	2.34E-15	NA	1.19E-13	6.96E-11	NA NA	A.	5.91E-14	NA	1.53E-05	1.42E-13	NA	AN	NA		1.01E-10	8.14E-13	NA WA	A	NA	NA	1.93E-11	NA	AN	NA	8.37E-05
Par Phe Phe Phe Phe Cop Chris Cop Inorgan INORGAN INORGAN INORGAN Inorgan Inorgan Cop Chris Cop Inorgan Inorga		7.48E-12		5.61E-13	2.91E-15	1.50E-11	1.09E-12	3.44E-11	2.27E-14	1.51E-10	1.26E-13	4.51E-11	1.37E-15	1.32E-14	2.29E-12								1.45E-08							1.65E-09	1.50E-10	1.08E-10	4.87E-06
		Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Parathion	Pentachlorobenzene	Phenol	Pyridine	Quinoline	Tetrachlorobenzene	Tetrachloroethene	Toluene	Trichlorobenzene	Trichloroethene	Unsym. dimethyl hydrazine	Vapona	Vinyl acetate	Vinyl chloride	Xylenes (total)	NORGANICS	Arsenic	Cadmium	Chromium (III)	Chromium (VI)	Copper	Iron	Mercury	Selenium	Silver	Zinc	Total (Hazard Index)
		212	516	217	218	219	220	221	222	223	224	225	526	227	228	229	230	231	232	233	234			238	239	240	241	242	243	544	245	246	248

INFANT HAZARD INDEX INFANT HAZARD INDEX	156		7	**	
FARM	157			ξ	40
NHALATION BREAST MILK TOTAL	2		٠.	TANEY	
NHALATION BREAST MILK TOTAL	158			VIA T	
NIMALATION BREAST MILK TOTAL	159				
BASE CASE HAZARD	160		INHALATION		TOTAL
AMSE CASE	161	FARM	HAZARD		INFANT
## Action	162	BASE	QUOTIENT	HAZARD	HAZARD
Acetonitrile	163			QUOT I ENT	INDEX
Acetone Acetonitrile Acetonitrile 5.68E-10 2.06E-11 5.06E-11 5.06E-11 5.06E-12 5.06E-12 5.06E-13 1.57E-12 1.07E-12 1.07E-13 1.07E-13 1.07E-13 1.07E-13 1.07E-13 1.07E-13 1.07E-14 1.07E-15 1	104				
Acetonitrile	165				
Acetonicie 5.37E-15 1.13E-15 4.69E Actonitrie 5.37E-16 1.03E-19 4.69E Actonitrie 5.37E-10 1.03E-19 4.69E Aldrin Antine 6.35E-14 8.89E-12 8.93E Atrazine 7.25E-11 8.00E-19 1.97E Benzoritrie 7.35E-10 1.97E Carbazole 8.35E-13 2.36E-13 2.97E Carbazole 6.36E-13 2.36E-13 2.97E Carbazole 7.35E-10 2.56E-13 2.97E Carbazole 7.35E-10 2.56E-13 2.97E Chlorobinenyl 7.35E-10 2.56E-13 2.97E Chloropinenyl 7.45E-10 2.56E-13 2.97E Chlorop	166	ORGA			
Acronitrile 5.68E-10 4.03E-09 4.62E Aldrin Acrionitrile 5.68E-11 6.98E Antline Acrionitrile 5.68E-14 8.08E-15 8.98E Antline Acrionitrile 5.68E-14 8.08E-17 8.98E Benzaldehyde 6.25E-17 1.57E-12 1.57E-17 1.57E	191		3.57E-15	1.13E-15	4.69E-15
Addrin Active 5.69E-10 2.86E-11 5.98E Attribute Active Antitie Active Active Active Active Active Antitie Active Ac	168	Acetonitrile	5.87E-10	4.03E-09	4.62E-09
Attazine Atrazine Benzole Acid 50E-12 5.66-12 7.746-19 6.026-13 5.66-12 7.746-19 6.026-13 5.66-10 7.726-14 7.72	169	Acrylonitril	5.69E-10	2.86E-11	5.98E-10
Aniline 4.25-11 8.00E-10 8.43E-12 Farazine Benzaldehyde 6.00E-13 1.57E-12 1.97E-12 Farazine Benzofuran 6.00E-13 1.57E-12 1.97E-12 Farazine Benzofuran 1.46E-10 5.65E-10 7.37E-10 1.05E-10 7.37E-10 5.05E-10 7.37E-10 5.05E-10 7.37E-10 5.05E-10 7.37E-10 5.05E-10 7.37E-10 5.05E-10 7.37E-10 5.05E-10 7.37E-10 5.05E-11 2.97E-12 5.05E-13 2.05E-13 2.05E-	21		3.58E-14	8.89E-12	8.93E-12
Atrazine Atrazine Atrazine Benzalehyde 6.00E-13 1.57E-12 1.97E-18 Benzalehyde 6.00E-13 5.66E-12 7.46E-16 6.02E-18 Benzofuran 1.46E-10 5.66E-10 7.12E-18 Benzothiazole 6.02E-13 5.66E-13 7.3E-14 6.02E-13 5.66E-13 7.3E-14 6.02E-13 5.66E-13 7.3E-14 6.02E-13 5.3E-14 7.7E-14 7.7E-15 7.7E-14 7.7E-14 7.7E-15 7.7E-14 7.7E-15 7.7E-17 7.7E-17 7.7E-17 7.7E-17 7.2E-17 7.7E-17 7.7E-17 7.7E-17 7.7E-17 7.7E-17 7.7E-17 7.7E-17 7.2E-17 7.7E-17 7.	171		4.25E-11	8.00E-10	8.43F-10
Benzaldehyde 1.50E-12 5.64E-12 7.14E-13 Benzofuran 1.46E-14 5.76E-16 7.7E-16 Benzofuran 1.46E-14 6.32E-14 8.16E-16 Benzofuran 1.46E-14 6.32E-16 9.38E-16 Benzofnjazole 6.8E-13 2.30E-12 2.99E-13 Bisk-cathylhexyl)phthalate 7.93E-14 2.90E-11 2.99E-13 Carbazole 6.8E-13 2.30E-13 2.99E-13 Carbon Tetrachloride 7.73E-14 2.96E-13 2.99E-13 Chlorobiphenyl 7.73E-14 7.57E-14 2.96E-13 2.91E-14 Chlorobiphenyl 1.01E-15 3.03E-15 3.64E-16 3.65E-13 2.91E-14 Chlorobiphenyl 1.01E-15 3.03E-15 3.12E-15 4.12E-13 2.01E-14 Chlorobiphenyl 1.01E-15 3.03E-15 3.12E-15 4.12E-13 2.01E-14 3.03E-15 4.12E-13 2.01E-14 4.12E-14 4.12E-14 3.03E-15 4.12E-15 4.12E-15 4.12E-14 3.03E-15 4.12E-14 3.03E-15 3.03E	172		4.00E-13	1.576-12	1 OZE-12
Benzene Benzene Benzenterie BistG-ethylhexyl)phthalate Carbazole	173		1.50F-12	5 6/5-12	7 1/5-12
Benzofuran Benzofuran Benzofuran Benzofuran Benzofuran Benzofuran Benzofuran Benzofuran Benzofu Benzofuran Benzofu Ben	174		5.80F-14	2 105-15	A 025-12
Benzoic Acid Benzoic Acid Benzoic Acid Benzoitatile Control acid Benzoitatile Benzonitatile Benzonitatile Benzonitatile Benzonitatile Benzonitatile Control acid Benzonitatile Control acid Benzonitatile Control acid Benzonitatile Carbon Tetrachloride Carbon Tetr	175		1.46F-10	5 456.10	7 125-10
Benzonitrile	176	8	1.84F-14	6 32E-16	8 14E-16
Benzothiazole 6.65E-13 2.30E-12 2.90E-13 biphenyl Bis(2-ethylhexyl)phthalate 7.95E-13 2.30E-12 2.90E-14 carbazole 6.60E-13 2.30E-13 2.30E-13 2.30E-14 2.90E-14 2.90E-15 2.00E-15 2.0E-14 2.90E-15 2.0E-14 2.90E-15 2.0E-14 2.90E-15 2.0E-15 2.0E-	177		2.01E-10	7 375-10	0 285.10
Biphenyl Bis(2-ethylhexyl)phthalate Carbazole Chlorobinenyl Chlorobenzenes Chlorobinenyl Chlorocethane Chlorobenzenes Chlorocethane Chloroceth	178		6.855-13	2 30E-12	2 005-12
Bis(2-ethylhexyl)phthalate	179		5.545-10	2 565.12	F 5/5-10
Carbazole Garbazole Garbon Tetrachloride Garbon Gar	180		7.93F-14	2 ODE-11	2 046-10
Carbon Tetrachloride 3.03E-13 2.38E-13 5.41E-14-01 Carbon Tetrachloride 3.03E-14 1.54E-13 2.01E-14-01 Chlorobinghenyl 4.73E-14 1.54E-13 2.01E-14-0-010 Chlorocense 6.30E-14 1.00E-14 1.	181		6.60E-13	2 275-12	2 035-12
4-Chloroaniline Chlorobenzene Chlorobiphenyl Chlorobiphenyl Chlorobiphenyl Chloropiphenyl Chloropiphenyl Chloropiphenyl Chlorocthane Chloropiphenyl Chloroperanes Chloropiphenyl Chlorocthane Chloroperanes Chloroperanes Chloroperanes Chlorocthane Chloroc	182		3.03E-13	2, 38F-13	5 415-12
Chlorobenzene 4.09E-14 3.94E-16 9.13E-1 6.4-Chlorobiphenyl 1.90E-14 5.77E-14 7.67E-1 6.30E-15 1.20E-15 1.20E-15 1.41E-13 1.77E-1 6.30E-15 1.41E-13 1.77E-1 6.30E-15 1.41E-13 1.77E-1 7.20E-15 1.40E-15 1.	183		4.73E-14	1.545-13	2 OTE 12
4-Chlorobiphenyl 1.90E-14 5.77E-14 7.67E-14 1.01E-15 6.30E-15 Chlorocethane 1.01E-15 3.12E-15 4.12E-15 Chlorocethane 1.01E-15 3.12E-15 4.12E-15 Chlorocethane 1.2-Dichlorocethane 1.2-Dich	184		9.09E-14	3 94F-16	0 136-16
4,4-Chlorobiphenyl 1.01E-15 3.12E-15 4.12E-15 Chloroethane 1.63E-12 1.41E-13 1.77E-1 Dibenzofuran NE 8.30E-16 4.73E-16 4.30E-16 1,1-Dichloroethane 4.73E-14 3.65E-16 4.76E-17 5.50E-16 1,2-Dichloroethane 4.14E-14 3.73E-16 5.50E-16 4.77E-16 5.50E-16 4.77E-16 5.50E-16 4.77E-16 7.77E-16 7.77E-17 7.77E-17 7.77E-17 7.77E-17 7.77E-17 7.77E-17 7.77E-17 7.77E-17	185	7	1.90F-14	5 775-14	7 475-14
Chloroethane Chloroethane Chloroform Dibenzofuran Dibenzofuran Dichlorobenzenes (total) 1,1-Dichloroethane 1,2-Dichloroethane 1	186	4	1.01F-15	3 125.15	7, 125-14
Chloroform NE	187	. 5	6.30F-15	2 - 32 - C	4.166-15
Dibenzofuran Dichlorobenzenes (total) 1, 1-Dichlorocethane 1, 2-Dichlorocethane 1, 2-Dichlo	188		1.63E-12	1.415-13	1 775-12
Dichlorobenzenes (total) 4.73E-14 3.65E-16 1,1-Dichloroethane 4.14E-14 9.39E-16 1,2-Dichloroethane 1.42E-13 5.58E-15 1,2-Dichloroethane 1.42E-13 5.58E-15 1,2-Dichloroethane 2.09E-15 2.17E-15 Dieldrin Dimethyldisulfide 5.68E-13 9.86E-15 Hydrazine 1.53E-14 4.50E-11 Hydrazine 1.53E-14 2.2E-16 Malathion Methyl chloride 1.53E-14 2.17E-15 Moromethyl hydrazine 2.55E-15 3.08E-13 Moromethyl hydrazine 5.96E-15 2.93E-13 Moromethyl mine 6.55E-11 4.85E-09 Naphthalene carbonitrile 5.96E-12 2.93E-12 Malathion 1.22E-12 3.92E-12 Moromethyl mine 6.55E-11 2.2E-12 Moromethyl mine 6.55E-11 2.2E-12 Moromethyl mine 1.22E-12 3.92E-12 Moromethyl mine 6.55E-11 2.2E-12 Moromethylene 1.22E-12 3.92E-12 Moromethylene 1.22E-13 3.92E-13 Moromethyle	189			. A	NE
1,1-Dichloroethane	190	Dichlorobenzenes		3.65E-16	4 76F-14
1,2-Dichloroethane	191	1,1-Dichloroethar	5.41E-14	0 30F-16	5 50E-14
1,1-Dichloroethene 1,42E-13 5.58E-15 1,2-Dichloroethene 3.09E-15 2.17E-15 1,2-Dichloropane 3.09E-15 2.16E-15 Dieldrin 5.09E-13 2.09E-15 2.16E-15 Dieldrin 6.57E-14 3.03E-13 9.86E-15 Hydrazine 1.53E-11 4.50E-11 1.55E-05 1.50E-12 Amethyl hydrazine 2.14E-14 2.17E-15 Monomethyl hydrazine 3.15E-14 1.24E-13 3.08E-13 Monomethyl hydrazine 5.96E-15 2.93E-13 4.08E-13 4.08E-13 4.08E-13 4.08E-12 5.93E-12 5.93E-13 1.61E-12 5.93	192		4.14E-14	3.73E-12	3.77E-12
1,2-Dichloroethene 3.09E-15 2.17E-15 Dichloropropane 3.03E-15 2.16E-15 Dietdrin 6.57E-14 3.22E-11 Dimethyldisulfide 5.68E-13 9.86E-15 Hydrazine 6.53E-14 4.50E-11 Hydrazine 6.53E-14 4.50E-11 Hydrazine 6.55E-15 3.37E-14 9.37E-14 1.53E-14 1.53E-15 3.37E-15 Methylene chloride 1.53E-14 2.4E-14 2.17E-15 Methylene chloride 1.53E-13 3.03E-13 Monomethyl hydrazine 5.96E-15 2.93E-13 Monomethyl hydrazine 5.96E-15 2.93E-13 4.85E-09 h.Nitrosodimethylamine 6.55E-11 4.85E-09 h.Nitrosodimethylamine 6.55E-11 4.85E-12 8.92E-12 8.92E-12 8.92E-12 8.92E-12 5.93E-13 1.61E-12 5.93E-13 1.	193		1.42E-13	5.58E-15	1.47F-13
1,2-Dichloropropane 3.03E-15 2.16E-15 Dieddrin 6.57E-14 3.22E-11 Dimethyldisulfide 5.68E-13 9.86E-15 Hexachlorobenzene 5.53E-11 4.50E-11 Hydrazine 1.53E-14 4.30E-07 8.82E-05 1.53E-14 9.37E-14 2.25E-15 3.37E-15 Methyl chloride 1.53E-14 3.37E-15 Methyl chorolide 1.58E-13 3.92E-14 Methyl chorolide 1.58E-13 3.92E-14 1.24E-13 4.86thylchenol 2.53E-13 3.08E-13 Monomethyl hydrazine 5.96E-15 2.93E-13 Naphthalene carbonitrile 5.96E-15 2.93E-13 Naphthalene carbonitrile 5.96E-15 2.93E-12 Acenaphthalene 1.22E-12 4.97E-12 6.55E-11 Chrysene 4.89E-12 1.55E-11 2.22E-12 3.92E-12 5.93E-12 5.93E-13 1.61E-12 2.93E-13 1.	194		3.09E-15	2.17E-15	5.26E-15
Diethyldisulfide 5.57E-14 3.22E-11 Nexachlorobenzene 5.58E-13 9.86E-15 Hydrazine 4.30E-07 8.82E-05 Lindane Malathion 6.57E-14 4.30E-07 Lindane Methyl chloride 7.25E-15 3.37E-15 Methyl chloride 7.35E-15 3.30E-13 Monomethyl hydrazine 7.35E-14 1.24E-13 Monomethyl hydrazine 7.35E-17 1.55E-09 Naphthalene carbonitrile 7.96E-17 1.55E-09 Naphthalene 6.55E-11 4.85E-08 Acenaphthalene 1.22E-12 3.92E-12 Acenaphthalene 1.22E-12 3.92E-12 Benzo(a)pyrene 4.89E-12 1.55E-11 Chrysene 7.50E-17 Methyl chloride 7.52E-12 3.92E-12 Methyl chloride 7.52E-12 3.92E-12 Methyl chloride 7.52E-12 5.92E-11 Methyl chloride 7.52E-12 7.92E-11 Methyl chloride 7.52E-12 7.92E-12 Methyl chloride 7.52E-12 Methyl chloride 7.52E-1	195		3.03E-15	2.16E-15	5.19E-15
Namethyldisulfide	196		6.57E-14	3.22E-11	3.23E-11
Hydrazine	26		5.68E-13	9.86E-15	5.78E-13
Malathion 1.53E-14 9.37E-14 Malathion 2.25E-15 3.37E-14 Methyl chloride 2.14E-14 2.17E-15 Methylene chloride 2.14E-14 2.17E-15 Methylene 2.15E-14 2.17E-15 Methylene 3.15E-14 1.24E-15 Methylene 2.53E-13 3.08E-15 Maphthalene 2.53E-13 3.08E-15 Maphthalene carbonitrile 3.15E-11 1.55E-09 Naphthalene 3.15E-11 4.85E-08 Acenaphthalene 1.22E-12 3.92E-12 Acenaphthene 1.22E-12 3.92E-12 Chrysene 4.89E-12 1.55E-11 Acenaphthene 1.22E-12 3.92E-12 A.89E-12 1.55E-11 3.92E-11 A.89E-13 1.61E-12 2.50E-11 A.89E-13 1.61E-12 2.50E-12 A.89E-13 1.61E-12 A.89E-13 1.61E-12 2.60E-12 A.89E-13 1.61E-12 A.89E-13 1.61E-12	0 00		5.53E-11	4.50E-11	1.00E-10
Matathion L.25E-14 Methyl chloride Methyl chloride L.16E-14 Methyl chloride L.58E-13 A-Methylphenol Monomethyl hydrazine Naphthalene Naphthalene Naphthalene L.26E-17 S.55E-13 S.55E-12 S.55E-12 S.55E-12 S.55E-12 S.55E-12 S.55E-12 S.55E-11 S.55E-12 S.55E-11 S.55E-11 S.55E-11 S.55E-11 S.55E-11 S.55E-11 S.55E-12 S.55E-12 S.55E-13 S.55E-1	202		4.30E-07	8.82E-05	8.86E-05
Methyl chloride Methyl chloride Methyl ethyl ketone Methyl ethyl ketone Methyl ethyl ketone Methyl ethyl ketone Methyl henol Monomethyl hydrazine Maphthalene Maph	202		7 255 45	7.3/E-14	1.09E-13
Methylene chloride Methyl ethyl ketone Methyl ethyl ketone Methyl ethyl ketone Methyl henol Monomethyl hydrazine Maphthalene Maphthalene carbonitrile Maphthalene carbonitrile Maphthalene carbonitrile Maphthalene carbonitrile Maphthalene Maphthale	202	Methyl chloride	2 1/5-17	3.3/E-13	5.62E-15
Methyl ethyl ketone 3.15E-14 1.24E-13 4.Methylphenol 2.53E-13 3.08E-13 3.08E-13 Monomethyl hydrazine 2.53E-13 3.08E-13 3	203	Methylene chloride	1 585-17	Z 025 17	7.30E-14
4-Methylphenol 2.53E-13 3.08E-13 Monomethyl hydrazine 9.29E-07 2.85E-05 Naphthalene carbonitrile 5.96E-15 2.93E-13 3.08E-13 Naphthalene carbonitrile 3.15E-11 1.55E-09 n.Nitrosodimethylamine 6.55E-11 4.85E-08 4.89E-12 4.97E-12 8.92E-12 8.92E-12 5.92E-12 6.93E-12 5.93E-12 5.93E-13 5.93E-12 5.93E-13 5.	204	Methyl ethyl ketone	3 15E-16	1 2/5-12	1 545-12
Monomethyl hydrazine 9.29E-07 2.85E-05 Naphthalene carbonitrile 5.96E-15 2.93E-13 Naphthalene carbonitrile 3.15E-11 1.55E-09 N-Nitrosodimethylamine 6.55E-11 4.85E-08 Acenaphthalene 1.22E-12 4.97E-12 Acenaphthene 4.89E-12 3.92E-12 Benzo(a)pyrene 4.89E-12 1.95E-11 2 Chrysene	205	4-Methylphenol	2.53E-13	Z 19E-12	1.30E-13 5 41E-12
Naphthalene carbonitrile 5.96E-15 2.93E-13 Naphthalene carbonitrile 3.15E-11 1.55E-09 N-Nitrosodimethylamine 6.55E-11 4.85E-08 Acenaphthalene 1.22E-12 4.97E-12 Acenaphthene 1.22E-12 3.92E-12 Benzo(a)pyrene 4.89E-12 1.95E-11 Chrysene 4.89E-13 1.61E-12	206	Monomethyl hydrazine	0 20E-07	2 855.05	20,010,0
Naphthalene carbonitrile 3.15E-11 1.55E-09 n.Nitrosodimethylamine 6.55E-11 4.85E-08 4.84 Acenaphthalene 1.22E-12 4.97E-12 8.92E-12 8.92E-12 5.92E-12 5.92E-13 1.61E-12 5.92E-13 5.92E-1	202	Naphthalene	5.96F-15	2 93E-13	2 005-12
n-Nitrosodimethylamine 6.55E-11 4.85E-08 4 PAHs Acenaphthalene 1.22E-12 4.97E-12 6 Acenaphthene 4.89E-12 5.92E-12 5 Benzo(a)pyrene 4.89E-13 1.61E-12 2	208	Naphthalene carbonitrile	3,15E-11	1.55F-09	1 58F-00
PAHs Acenaphthalene 1.22E-12 4.97E-12 6 Acenaphthene 1.22E-12 3.92E-12 5 Benzo(a)pyrene 4.89E-12 1.95E-11 2 Chrysene 4.89E-13 1.61E-12 2	500	trosodin	6.55E-11	4.85E-08	4.85E-08
Acenaphthalene 1.22E-12 4.97E-12 6.18E- Acenaphthene 1.22E-12 3.92E-12 5.14E- Benzo(a)pyrene 4.89E-12 1.95E-11 2.44E- Chrysene 4.89E-13 1.61E-12 2.10E-	210	PAHS			
Acenaph there 1.22E-12 3.92E-12 5.14E- Benzo(a)pyrene 4.89E-12 1.95E-11 2.44E- Chrysene 4.89E-13 1.61E-12 2.10E-	21.7	Acenaphthalene	.22E-1	.97E	.18E-
4.89E-12 1.95E-11 2.44E- Chrysene 4.89E-13 1.61E-12 2.10E-	212	Acenaphtnene	-22E-1	.92E	-14E-
4.07E 13 1.01E 12 C. 1UE	214	Chrysene	805-1	.95E	-44E-
	;		- 0yE- 1	. O.	.10E-

AB	2.60E-11	1.64F-12	8.09E-15	4.25E-11	7.33E-13	4.45E-11	2.00F-14	1.26F-10	4.91F-13	7.28F-11	1 435-15	8.71F-15	1.64F-12	1.98F-14	2.61E-05	8.69E-13	1.02E-14	1-67F-13	4.11E-15			9.49F-09	2.20E-10	9.76F-11	3.43F-11	7.37E-12	1.75E-06	8.47E-10	1.08E-09	9.85F-11	7.04F-11		1.46E-04	
AA	2.11E-11	1.27E-12	6.18E-15	3.28E-11	1.97E-14	2.20E-11	5, 15E-15	2.79F-11	4.08E-13	4.32E-11	5.376-16	7.14E-17	1.49E-13	7.80E-15	2.60E-05	6.89E-13	3.54E-17	2.52E-14	1.02E-19			7	2	¥	및	2	¥	2	<u> </u>	Ä	4	į	1.43E-04	
	4.89E-12	3.67E-13	1.91E-15	9.79E-12	7.13E-13	2.25E-11	1-49E-14	9.86E-11	8.27E-14	2.95E-11	8.95E-16	8.64E-15	1.50E-12	1.21E-14	5.83E-08	1.80E-13	1.02E-14	1.42E-13	4.11E-15			9.49E-09	2.20E-10	9.76E-11	3.43E-11	7.37E-12	1.75E-06	8.47E-10	1.08E-09	9.85E-11	7.04E-11		3.18E-06	
0	Dibenzo(a,h)anthracene Fluoranthene	Fluorene	Phenanthrene	Pyrene	Parathion	Pentachlorobenzene	Phenol	Pyridine	Quinoline	Tetrachlorobenzene	Tetrachloroethene	Toluene	Trichlorobenzene	Trichloroethene	Unsym. dimethyl hydrazine	Vapona	Vinyl acetate	Vinyl chloride	Xylenes (total)		INORGANICS	Arsenic	Cadmium	Chromium (III)	Chromium (VI)	Copper	Iron	Mercury	Selenium	Silver	Zinc		Total (Hazard Index)	
155	215 216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235		237	238	239	240	241	242	243	544	242	546	247	248	

CARCINGENIC CONTRIBUTION CONTRIBUTION FARM BASE CASE Adult Inhalation Ingestion Vegetable	C IIC RISK ON BY PATHWAY	ь.	n 81.5528 bles 81.552 0.0002		.	۲ 8 ۲
	CONTRIBUTIO FARM		Ingestion Vegetables Wilk Beef Soil\Dust Fish	Dermal Child Inhalation	Ingestion Vegetables Milk Beef Soil\Dust	Dermal

PARM BASE CASE ORGANICS Acrylonitrile Aldrin Aniline Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbazole Carbazole Carbazole 1,4-Dichloroethane 1,2-Dichloroethane 1,2-Dic	200		TABLE 39
BASE CASE BASE CASE Acrylonitrile Addrin Aniline Benzene Bis(2-ethylhexyl)phthalate Carbox Tetrachloride Chloroform 1,4-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,4-Dichloroethane 1,4-Dichl	0.0		ADULT INHALATION CARCINGGENIC
SASE CASE	50		analysis)
Act Act	J M		INHALATION
Acrylonitrile	7	BASE	ADULT
Acrylanitrile Acrylanitrile Acrylanitrile Aldrin Carbon Tetrachloride 1, 4-Dichlorobanzene 1, 2-Dichloroethane 1, 3-Dichloroethane 2, 7-E-17 2, 4-In 18 2, 7-E-17 3, 3-B-17 4, 4-In 18 1, 3-B-14 4, 4-In 18 1, 3-B-14 1, 3-B-1	5		CARC.
Acrylonitrile	10		RISK
Acrylonitrile Aldrin Benzene Bis(2-ethylhexyl)phthalate Carbazole 1,4-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane 1,3-E-17 A-Methylchenol Methyl chloride A-Methylchenol A-Methylchenol Benzo(a)pyrene Chrysene Ch	8		
Addrine	6		1.16E-14
Aniline Bisczene Bisczene Bisczene Bisczene Bisczene Bisczene Bisczene I 106E 18 Bisczene I 20E 19 Carbazole Carbazole Carbon Tetrachloride I 4-Dichloroethane I 12-Dichloroethane I 13-Dichloroethane I 13-Di	0		3.00E-18
Benzene Benzene Bis(2-ethylhexyl)phthalate Carbazole Car	_		3.64E-17
Bis(2-ethylhexyl)phthalate 109E-19 Carbazole 1.28E-18 Carbon Tetrachloride 2.41E-17 Chloroform 1.27E-16 1,4-Dichloroethane 5.54E-20 1,1-Dichloroethane 6.72E-17 1,2-Dichloroethane 6.72E-17 1,2-Dichloroethane 6.72E-17 1,2-Dichloroethane 6.72E-17 1,2-Dichloroethane 6.72E-17 1,2-Dichloroethane 6.72E-17 Hydrazine 1.37E-18 Innomethyl hydrazine 1.37E-19 Methyl chloride 2.74E-19 Methylene chloride 2.74E-19 Methylene chloride 2.74E-19 Methylene chloride 1.32E-15 Dibenzo(a,h)anthracene 1.81E-14 Parathion 6uinoline 1.73E-14 Parathion 6uinoline 1.38E-15 Tetchloroethene 1.98E-20 Trichloroethene 1.98E-20 Trichloroethene 1.98E-20 Trichloroethene 1.98E-17 INORGANICS Arsenic Cadmium (VI) 1.39E-15 Chromium (VI) 1.39E-11 Total 1.99E-11	N		1.06E-18
Carbazole 1.28E-18 Carbazole 5.41E-17 Chloroform 1.28E-18 1,4-Dichloroethane 5.54E-20 1,1-Dichloroethane 6.72E-17 1,2-Dichloroethane 6.72E-17 1,2-Dichloroethane 6.72E-17 1,2-Dichloroethane 6.72E-17 1,2-Dichloroethane 6.72E-17 1,3-Dichloroethane 6.72E-17 1,3-Dichloroethane 6.72E-17 1,3-Dichloroethane 7.3E-18 1,3-Dichloroethane 7.3E-19 1,3-Dichloroethane 7.3E-19 1,3-Dichloroethane 7.73E-14 Chrysene 1.73E-14 Chrysene 1.73E-15 Interchloroethane 3.86E-15 Irichloroethane 3.86E-15 Irichloroethane 3.86E-17 INORGANICS Arsenic 6.40 Interchloroethane 7.02E-19 Vapona 7.02E-19 Vapon	M:		1,09E-19
Carbon letrachloride Carbon letrachloride 1,4-Dichlorobarsene 1,1-Dichloroethane 1,2-Dichloroethane 1,3-E-17 1,2-Dichloroethane 1,3-E-17 1,2-Dichloroethane 1,3-E-17 1,1-Dichloroethane 1,3-E-17 1,0-B-17 1	4		1.28E-18
Chloroform 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,1-Dichlorobenzene 1,1-Dichlorobenzene 1,1-Dichlorobenzene 1,1-Dichlorobenzene 1,1-Dichlorobenzene 1,1-Dichlorobenzene 1,1-Dichlorobenzene 1,1-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,1-Dichlorobenzene 1,2-Dichlorobenzene 1,1-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,3-B15 1,2-Dichlorobenzene 1,3-B15 1,3-B15 1,3-B15 1,3-B15 1,3-B15 1,3-B15 1,3-B15 1,4-B18 1,3-B15 1,3-B15 1,4-B18 1,3-B15 1,3-B15 1,4-B18 1,3-B15 1,3-B15 1,4-B18 1,3-B15 1,4-B18 1,3-B15 1,4-B18 1,3-B18 1,3-B	2		2.41E-17
1,4-Dichloropenzene 5.54E-20 1,1-Dichloroethane 2,7E-17 1,2-Dichloroethane 2,7E-18 1,2-Dichloroethane 6,72E-17 1,2-Dichloroethene 1,2-Dichloroethene 6,72E-17 1,2-Dichloroethene 1,3E-15 1,4E-18 1,4E-18 1,4E-18 1,4E-18 1,4E-18 1,4E-19 1,9E-11 1,9E-11 1,9E-11 1,4E-18 1,4E-19 1,9E-11 1,9E-	10	٠ د	1.27E-16
1,1-Dichloroethane 2,97E-18 1,2-Dichloroethane 6,72E-17 1,2-Dichloroethane 6,72E-17 1,2-Dichloropropane 6,72E-17 1,2-Dichloropropane 6,72E-17 1,2-Dichloroethane 1,41E-18 Nethylchorol 1,37E-15 Hydrazine 1,37E-15 Hydrazine 1,37E-19 Methylchenol 1,95E-19 Methylchenol 2,74E-19 Methylchenol 2,74E-19 Methylchenol 3,67E-17 Methylchenol 3,67E-17 Methylchenol 3,67E-17 Methylchenol 1,73E-19 Methylchenol	-		5.54E-20
1,7-Dichloroethene 6,72E-17 1,2-Dichloroethene 6,72E-17 1,2-Dichloroethene 1,41E-18 Dieldrin 1,3F-15 Hydrazine 1,88E-11 Lindane chloride 1,95E-19 Methyl chloride 2,74E-19 Methyl chloride 3,67E-17 4-Methylphenol 3,83E-13 NE Monomethyl hydrazine 3,83E-13 Nethylphenol 3,83E-13 Nonomethyl hydrazine 1,73E-14 PAHS Benzo(a)pyrene 1,73E-14 Chrysene 1,73E-14 Parathion 6,10 Quinoline 3,84E-15 Tetrachloroethene 7,02E-19 Vapona 1,98E-20 Trichloroethene 3,62E-13 Trichloroethene 3,84E-15 Tetrachloroethene 1,98E-17 INORGANICS Arsenic 1,32E-15 Cadmium (VI) 1,39E-11 Total 1,79E-11	00		NE NE
1, 2-Dichloroperation of the first of the fi	2 5		2.9/E-18
Dieldrin Hexachlorobenzene Hexachlorobenzene Hexachlorobenzene Lindane Lindane Hydrazine Lindane Hethyl chloride Hethylchen chloride Hethylchen chloride Herhylchen chloride Honomethyl hydrazine Hono	2 5		0.72E-17
Hexach corbenzene 1.37E-15 Hydrazine 1.95E-19 Methyl chloride 2.74E-19 Methylphenol of 4-Methylphenol of 4-Methylphenol of 4-Methylphenol of 5.67E-17 Monomethyl hydrazine 3.83E-13 Monomethyl hydrazine 3.83E-13 Monomethyl hydrazine 1.73E-14 Chrysene 1.73E-14 Chrysene 1.73E-15 Chrysene 1.73E-15 Chrysene 1.73E-15 Chrysene 1.73E-15 Chrysene 1.73E-15 Chrysene 1.73E-15 Cadmium (VI) 1.39E-17 Total 1.99E-11 Total 1.99E-11	2:	Dieldrin	1,4 E 10
Hydrazine Lindane Lindane Lindane Lindane Lindane Lindane Lindane Lindane Methyl chloride A-Methylphenol A-Meth	ik	Hexachlorobenzene	1 475-15
Lindane Methyl chloride Methyl chloride Methylphenol Methylphenol Monomethyl hydrazine Nonomethyl hydrazine Nonome	4	Hydrazine	
Methyl chloride A-Methyl chloride A-Methylene chloride A-Methylene chloride A-Methylphenol A-Met	'n	Lindane	1_05E-10
Methylene chloride 3.67E-17 4-Methylphenol NE Monomethyl hydrazine 3.83E-13 n-Nitrosodimethylamine 1.81E-14 PAHS Benzo(a)pyrene 1.73E-14 Chrysene 1.73E-14 Dibenzo(a,h)anthracene 1.73E-14 Parathion S. 84E-15 Tetrachloroethene 3.84E-15 Tetrachloroethene 7.02E-19 Vapona 1.08E-17 INORGANICS Arsenic 1.35E-15 Chomium (VI) 1.99E-11 Total INHALATION 2	9	Methyl chloride	2.74E-19
4-Methylphenol Monomethyl hydrazine n-Nitrosodimethylamine 3.83E-13 n-Nitrosodimethylamine 1.81E-14 PAHS Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Dibenzo(a,h)anthracene Dibenzo(a,h)anthracene Dibenzo(a,h)anthracene Ouinoline Sulfe-15 Tetrachloroethene Trichloroethene Vapona Vinyl chloride NoE-19 Vinyl chloride Total Total INHALATION INHALATION	1	Methylene chloride	.67E-1
Monomethyl hydrazine 3.83E-13 n-Nitrosodimethylamine 1.81E-14 PAHS Benzo(a)pyrene 1.73E-14 Chrysene 1.73E-15 Dibenzo(a,h)anthracene 1.73E-15 Dibenzo(a,h)anthracene 1.73E-15 Dibenzo(a,h)anthracene 1.73E-15 Dibenzo(a,h)anthracene 1.73E-15 Nemathion	Ø	4-Methylphenol	Y
n-Nitrosodimethylamine 1.81E-14 PAHS Benzo(a)pyrene 1.73E-14 Chrysene 1.73E-14 Chrysene 1.73E-15 Dibenzo(a,h)anthracene 1.73E-15 Dibenzo(a,h)anthracene 1.73E-16 Parathion Quinoline 3.84E-15 Irichloroethene 7.02E-19 Vapona 8.06E-19 Vinyl chloride 1.08E-17 INORGANICS Arsenic 7.62E-13 Chomium (VI) 1.39E-11 Total 1.99E-11	0	Monomethyl hydrazine	.83E
PAHS Benzo(a)pyrene Chrysene C	0	n-Nitrosodimethylamine	1.81E-14
1.73E-14 Chrysene	-	PAHS	
Chrysene	N	Benzo(a)pyrene	1.73E-14
Dibenzo(a,h)anthracene 1.73E-14 Parathion NE	9	Chrysene	1.73E-15
Ne	4	Dibenzo(a,h)anthracene	1.73E-14
Tetrachloroethene 3.84E-15 Tetrachloroethene 1.98E-20 Trichloroethene 7.02E-19 Vapona 8.06E-19 Vinyl chloride 1.08E-17 INORGANICS 5.62E-13 Chromium (VI) 1.39E-15 Total 1.99E-11 Total INHALATION 2	2	Parathion	32
Tetrachloroethene 1.98E-20 Trichloroethene 7.02E-19 Vapona 8.06E-19 Vinyl chloride 1.08E-17 INORGANICS Arsenic 5.62E-13 Cadmium (VI) 1.39E-15 Total 1.99E-11	0	Quinoline	3.84E-15
Trichloroethene 7.02E-19 Vapona 8.06E-19 Vinyl chloride 1.08E-17 INORGANICS Arsenic 1.32E-13 Chromium (VI) 1.39E-11 Total INHALATION 2	-	Tetrachloroethene	1.98E-20
Vapona Vinyl chloride 1.08E-17 INORGANICS Arsenic Cadmium Chromium (VI) 1.32E-15 Chromium (VI) 1.99E-11 INHALATION 2	x	Trichloroethene	7.02E-19
Vinyl chloride	Ò	Vapona	8.06E-19
INORGANICS Arsenic 5.62E-13 Cadmium (VI) 1.32E-15 Total 1.99E-11	0	Vinyl chloride	1.08E-17
INORGANICS Arsenic Arsenic Cadmium 1.32E-15 Chromium (VI) 1.39E-11 Total INHALATION 2	_		
Arsenic 5.62E-13 Cadmium 1.32E-15 Chromium (VI) 1.39E-15 Total 1.99E-11	N	INORGANICS	
Cadmium 1.32E-15 Chromium (VI) 1.39E-15 Total 1.99E-11 INHALATION 2	M	Arsenic	5.62E-13
Chromium (VI) 1.39E-15 Total 1.99E-11 INHALATION 2	4	Cadmium	1.32E-15
Total 1.99E-11 INHALATION 2	2	Chromium (VI)	1.39E-15
Total 1.99E-11 INHALATION 2	9		
INHALATION 2	~	Total	1.99E-11
INHALATION	σ c		
	> 0		2

9.3.2 Sensitivity Case Emissions — Farmer Scenario

2.8E-10 3.48E-11 1.3EE-11 1.44E-12 5.91E-12 6.00E-12 1.3BE-10 1.2DE-10 1.2DE-10 1.3DE-10	100 100	n	ນ	TABLE 1-A	m	u_	o o	T,	-	7	×
2.68E-00 3.48E-10 8.55E-12 1.44E-12 5.91E-11 6.00E-11 1.18E-10 1.20E-10 3.48E-10 3.48E-10 3.55E-13 1.44E-13 5.91E-11 6.00E-11 1.18E-10 1.20E-10 3.48E-10 3.48E-10 3.55E-13 1.44E-13 5.91E-14 6.00E-12 1.18E-10 1.20E-10 3.48E-10 3.55E-13 1.44E-13 5.91E-14 6.00E-12 1.18E-10 1.20E-10 3.48E-10 3.55E-13 1.44E-13 5.91E-14 6.00E-12 1.18E-10 1.20E-10 3.55E-13 1.44E-13 5.91E-14 6.00E-12 1.18E-10 1.20E-10 2.40E-10 1.20E-10 1	The control of the co		Chrysene	2.85E-10	3.48E-11	.55E-	1.44E-13	5.91E-12	.00E		1.20E-11
2.65E-10 3.46E-11 3.25E-10 3.46E-10 3	The continue		Dibenzo(a,h)anthracene	2.85E-09	3.48F-10	556	1-445-12	5.91E-11	6.00F-11		1.20F-1
176-15 3.48-17 3.58-18 1.58-17 1.58-	anthrene 116 - 156 - 15 - 156 - 15 - 156 - 15 - 15		Fluoranthene	2.85F-00	7 48F-10	556	1 44F-12	5 015-11	6 00F-11		1 20E-10
116-12 178-13 178-14 1	arathrene 5.70E-09 6.99E-14 2.35E-15 5.30E-14 2.35E-14 2.35E-14 1.05E-10 1.20E-10 2.37E-14 1.05E-10 1.		Fluorene	2 85E-10	Z 7.8E-11	SAC.	1 // 5-12	S 01E-12	6 00E-12	1 185-11	1 200-14
Comparison	The continue of the continue o		Dhenanthrene	1 115-13	1 255-12	225	E 41E-14	2 ZOE - 12	2 2/5-1/	7, 415.17	1 207
The continue of the continue o	time of the control o			701 201	2000	1000	0.015	4 40E- 14	41 146 4	4.016.4	4.0/E-14
1.00 1.00	Continue c		באו פופ	5. rue - Uy	0.725.10	. (le-	Z.88E-12	1 18-10	1.40E-10	2.3/E-10	Z.40E-10
1,475	1.000-processore 5.600-10 4.278-11 1.060-12 1.160-12 1		Parathion	7.06E-13	8.61E-14	.12E-	3.57E-16	1.47E-14	49E-1	2.93E-14	.97E-1
1.00	Second Color		Pentachlorobenzene	3.50E-10	4.27E-11	.05E-	1.77E-13	7.26E-12	37E-1	1.45E-11	1.47E-11
1.28	1.26		Pheno(5.60E-12	6.83E-13	-88E-	2.83E-15	1.16E-13	.18E-1	2.32E-13	2.36F-13
3.21E-10 3.92E-11 9.63E-13 6.66E-12 6.76E-12 1.33E-13 1.53E-14	1.27E-10 2.10E-11 5.16E-13 6.66E-12 6.76E-12 7.14E-12 7.14E-13		Pyridine	3.12F-08	3.81F-09	AN	N.	AN	N.	A.	NA
Marchenere	Marchelene		Olimoline	2 215-10	Z 02E-11	4757	435	777		777	757
Control Cont	Control of the cont		Totrachlonohonzona	1 725-10	2 104 6	177	100	2 2		7/1	7 2/1 43
A	Comparison		ברו מכוונסו מחבוולפוופ	01-126-1	Z. 10E. 11	- 10	-0%	3/6		145	- 44E-
Proceedings	Probenzene 8.71E-11 1.77E-12		letrachtoroethene	0.01E-12	(. 55E - 15	A.	Z.	NA.	Z Z	Z.	Y.
Probensere 6. 4/1E-11 1.06E-17 2.6/E-13 4.40E-14 1.01E-12 1.03E-12 3.6/E-12 3.6/E-12 0.00E-10	## A Note		loluene	9.58E-11	1.17E-11	AN AN	AN	NA A	AN	Z.	¥
Continue	dimethyl hydrazine 6.41E-11 7.82E-12 NA		Trichlorobenzene	8.71E-11	1.06E-11	.61E-1	-40E-	1.81E-12	-83E-	.61E-1	3.67E-12
dimethyl hydrazine 1.38E-06 1.68E-0 6.97F-10 2.98E-08 2.97E-08 5.37E-08 5.37E-09 1.27E-10 2.14E-11 8.80E-10 8.93E-10 1.76E-09 1.79E-10 1.26E-09 1.53E-10 1.57E-10 8.93E-10 1.76E-09 1.79E-10 1.26E-09 1.53E-10 1.57E-10 8.93E-11 6.77E-11 6.86E-10 1.76E-09 1.59E-09 1.59E-09 1.59E-09 1.59E-09 1.59E-09 1.59E-09 1.59E-09 1.59E-09 1.59E-09 2.46E-10 1.08E-12 8.23E-13 3.38E-11 3.38E-11 6.77E-11 6.58E-1 8.35E-11 8.35	dimethyl hydrazine 1.38E-06 1.68E-07 4.14E-09 6.97E-10 2.86E-08 2.91E-08 5.73E-08 acetate 3.96E-11 4.83E-12 NA		Trichloroethene	6.41E-11	7.82E-12		Z Z	NA	X X	N	NA
Cotal) 2.796-12 2.796-12 3.406-13 3.766-14 3.766-17 4.4.66-13 4.4.66-13 4.4.66-13 4.4.66-13 4.4.66-13 4.4.66-13 4.4.66-13 4.4.66-13 4.4.66-13 4.4.66-14 4.4.66-1	2.79E-12 3.40E-13 8.37E-15 1.41E-15 5.79E-14 5.87E-14 1.16E-13 8.61Ctal) 2.79E-12 3.40E-13 NA		Unsym, dimethyl hydrazine	1.38F-06	1 68F-07	17L	07F-		01F-	775	815
actate 2.96E-11 4.88E-12 NA	acetate 5.96E-11 4.88E-12 NA		Vapona	2 705-12	3 VOE-12	275	710		876	145	1 175-12
s (total) 6.84E-12 8.34E-12 NA	s (total)		Wind prototo	7 071 44	2. 104.		1				
Control of the contro	s (total) 5.66E-12 8.34E-13 NA		Villy decide	3 YOE - 11	20.	K S	¥ 2	Y.	¥ :	AZ.	Z.
S (COTEST) 6.646-12 8.346-13 NA NA NA NA NA NA NA NA NA N	4.24E-08 5.17E-09 1.27E-10 2.14E-11 8.80E-10 8.93E-10 1.76E-09 1.27E-10 3.78E-11 9.30E-13 1.57E-13 6.43E-12 1.29E-11 1.26E-09 1.53E-10 NA		villy childride	2.0/E-11	10.V	AN	A.	NA	Y.	Y.	Y.
4.24E-08 5.17E-09 1.27E-10 2.14E-11 8.80E-10 8.93E-10 1.76E-09 1.79E-11 3.50E-12 1.29E-11 1.31E-13 6.53E-12 1.29E-11 1.31E-13 6.33E-13 1.26E-03 1.78E-03 1.7	1.27E-10		Xylenes (total)	6.84E-12	.34E	NA	X X	NA	N A	NA NA	AN
4.24E-08 5.17E-09 1.27E-10 2.14E-11 8.80E-10 8.93E-10 1.76E-09 1.79E-11 1.31E-10 1.26E-11 1.31E-10 1.26E-11 1.31E-11 1.26E-11 1.31E-11 1.26E-11 1.31E-11 1.26E-11 1.31E-11 1.26E-11 1.31E-11 1.26E-11 1.31E-11 1.3	4.24E-08 5.17E-09 1.27E-10 2.14E-11 8.80E-10 8.93E-10 1.76E-09 1.376E-11 9.30E-13 1.57E-13 6.43E-12 6.53E-12 1.20E-11 1.26E-10 1.26E-11 8.30E-11 8.30E-11 8.30E-11 1.26E-11 8.30E-11 1.26E-11 8.30E-11 8.30E-11 8.30E-11 8.30E-11 8.30E-11 8.30E-11 8.30E-11 8.24E-11 8.30E-11 8.	-	SOLNEGO								
m (11) 1.76E-10 3.78E-11 6.35E-11 1.79E-11 1.79E	## (VI) ## (VII) ## (VIII) ## (VIIII) ## (VIIII) ## (VIIIII) ## (VIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	,	A COLUMNIA C			1	***	00 00	07 -200 0		
1.26E-19 1.53E-17 1.5	1.26E-09 1.53E-11 9.36E-13 1.57E-12 6.45E-12 1.29E-11 1.26E-09 1.53E-10 NA		Arsenic	4.24E-U8	5.1/E-09	-2/E-	Z.14E-11	8.8UE-10	8.95E-10	1.76E-09	1.79E-0
1.26E-09 1.53E-10 NA	1.26E-09 1.35E-10 NA			3.10E-10	3.78E-11	.30E-	1.57E-13	6.43E-12	6.53E-12	1.29E-11	1.31E-1
4,42E-11 5,39E-12 NA	4,42E-11 5,39E-12 NA			1.26E-09	1.53E-10	AN	A'A	NA	AN	AN AN	N.
3.17E-09 3.87E-10 NA	3.17E-09 3.87E-10 NA 1.65E-05 1.18E-05 NA NA NA NA 1.65E-11 2.02E-09 2.46E-10 6.06E-12 1.02E-12 4.19E-11 4.25E-11 3.58E-11 3.58E-12 NA			4.42E-11	5.39E-12	NA	AN	NA	AN	NA	AN
9.68E-05 1.18E-05 NA	9.68E-05 1.18E-05 NA			3.17F-09	3.87F-10	AN	q	NA	AN	AN	NA
1.63E-09 1:99E-10 4.89E-12 8.23E-13 3.38E-11 3.43E-11 6.86E-11 MA NA	1.63E 09 1.99E 10 4.89E 12 8.23E 13 3.36E 11 3.43E 11 6.77E 11 2.02E 09 2.46E 10 6.06E 12 4.19E 11 4.25E 11 8.38E 11 5.21E 09 6.36E 10 NA		Tron	O 48E-05	1 186.05	NA		V.	N. A.	V.V	
2.02E-09 2.46E-10 4.09E-12 4.19E-11 4.25E-11 8.38E-11 8.50E- 3.24E-11 3.95E-12 NA	2.02E-09 2.46E-10 6.06E-12 1.02E-12 4.19E-11 4.25E-11 8.38E-11 8.3		Ced	1 435-00	1 005-10	80E-1	Z L				מאנו
2 yrs ACCUMULATION TIME AT AT AT AT AT A A A A A A A A A A A A	2 yrs ACCUMULATION TIME AT A ACCUMULATION TIME AT A S.15E-10		No contract of the contract of	2001	0 - 1/1	מינים ביים	4 5	100.0			1001
3.24E-11 3.95E-10 NA	5.21E-09 6.36E-10 NA		mei cui y	Z-02E-09	2.40E-10	. noe-1	ä	4.19E-11			8-51E-11
3.246-11 3.956-12 NA	3.24E-11 3.95E-12 NA		Selenium	5.21E-09	6.36E-10	AN	AN	N.	AN	AN	NA N
2 yrs ACCUMULATION TIME AT 0.2 M SOIL DEPTH OF MIXING SD 0.1 M SOIL DEPTH OF MIXING SD 1.43E+03 Kg/M3 SOIL BULK DENSITY BD 1.00E+03 mg/g 3.15E+07 sec/yr 1.22E-01 INHALATION DFI CO = Deposition Factor DF 5.05E-04 DRY DDF AC = ER * x	1.43E-08 1.74E-09 NA		Silver	3.24E-11	3.95E-12	AN	NA A	NA	AN	NA	N.
CCUMULATION TIME AT IL DEPTH OF MIXING SD IL DEPTH OF MIXING SD SOIL BULK DENSITY BD F TOF CO D*AT*100 D*AT*100 D*B SD*B D*B D*B D*B D*B D*B D*	CCUMULATION TIME AT IL DEPTH OF MIXING SD IL DEPTH OF MIXING SD SOIL BULK DENSITY BD F ATION DFI DF ET TOF D = D =		21110	1.43E-08	1.74E-09	NA NA	N A	Y.	AN	AN	NA
CCUMULATION TIME AT IL DEPTH OF MIXING SD SOIL BULK DENSITY BD SOIL BULK DENSITY BD C T T T T T T T T T T T T	CCUMULATION TIME AT IL DEPTH OF MIXING SD SOIL BULK DENSITY BD SOIL BULK DENSITY BD F ATION DFI DF ET TOF DF ET TOF ATION DF DF DF DF DF DF DF DF DF										
CCUMULATION TIME AT IL DEPTH OF MIXING SD SOIL BULK DENSITY BD F ATION DFI DF ET TOF CCUMULATION TIME AT AT A TO	CCUMULATION TIME AT IL DEPTH OF MIXING SD IL DEPTH OF MIXING SD SOIL BULK DENSITY BD ATION DFI C ET TOF DF DF DF						•		1		
IL DEPTH OF MIXING SD IL DEPTH OF MIXING SD SOIL BULK DENSITY BD D*AT*100 ATION DFI DF ET TOF D = ER * x	IL DEPTH OF MIXING SD IL DEPTH OF MIXING SD SOIL BULK DENSITY BD SOIL BULK DENSITY BD ATION DFI CDF DF ET TOF D S							S ACCUMULATION	IME		
IL DEPTH OF MIXING SD SOIL BULK DENSITY BD D*AT*100 ATION DFI DF ET TOF D = ER * x	IL DEPTH OF MIXING SD SOIL BULK DENSITY BD F ATION DFI DF DF ET TOF D = D = D = D = D = D = D = D = D = D =							SOIL DEPTH (IXING		
SOIL BULK DENSITY BD D*AT*100 ATION DFI DF ET TOF D = ER * x	SOIL BULK DENSITY BD F ATION DFI DF ET TOF D = DF							SOIL DEPTH (IXING		
ATION DFI CO = D*AT*100 ATION DFI CO = SD*BD DF SD*BD ET TDF AC = ER * x	ATION DFI CO = 1 DF DDF DDF DDF DDF DDF DDF DDF DDF DD						50+357	MY SOTI RI	DENSITY		
ATION DFI CO = ATION DFI CO = SD*BD DF SD*BD DF SD*BD ET TDF AC = ER * x	ATION DFI CO = 1 DF DDF ET TOF D = 0						.00E+03				
D*AT*100 ATION DFI SD*BD DF ET TOF AC = ER * x	ATION DFI CO = DF DDF DDF AC ET TOF D = D = DF						.15E+07	sc/yr			
ATION DFI CO = DF SD*BD DF SD*BD ET TDF AC = ER * x	ATION DFI CO = DF DDF DDF AC ET TOF D = D = DF										
ATION DFI CO = D*AT*100 DF CO = SD*BD DDF AC = ER * D = ER *	ATION DFI CO = DF DDF DDF AC ET TOF D = D = D = D = D = D = D = D = D = D										
Allon DFI CO = DF SD*BD ET TOF AC = ER * x	ATION DFI CO = DF DF ET TDF AC D = .					ĮQ.	lution Factor				D*AT*1000
DF SD*8D DDF AC = ER * 0 = ER * x	DF DDF ET TOF AC = 0 =						1.22E-01 IN	ATION	-		
ET TOF AC = ER *	ET TOF AC = 0 = 0					De	position Fact		!		SD*BD
ET TOF AC = ER *	ET TOF AC = 0 = 0 = 0						5.05E-04 DR		٦.		
* ~ H	11						3.00E-03 DR		٦.	¥	= ER *
í										0	띪

20-Jun-97 Deposition Depo	711111111111111111111111111111111111111		TABLE 1-B CATTLE FEED	Z	•	ı.	3	
The content of the	SENSITIVITY	CASE	0	٥	CO	00	00	8
1337.39 1377		20lim-91		DRY	CALCULATED	CALCULATED	CALCULATED	CALCULATED
Maintrile		13:37:30 FARM	,	RATE a/M2/vr	SOIL	SOIL	SOIL	SOIL
Ontirile 3.42E-10 5.76E-11 2.37E-99 2.0E-99 4.73E-99 in the interval of the in					mg/Kg	mg/Kg	mg/Kg	- Mg
Marcelle	ANICS							
1,000 1,00			NA.	N.	N.	NA	NA	
1,92E-11 3,72E-15 3,72E-15 7,32E-15 1,92E-11 1,92E-11 3,72E-15 1,92E-11		a -	5.4ZE-10	76E	2.37E-09	2.40E-09	4.73E-09	4.8
defivede (1.75E-17) 3.74E-17 3.74E-17 3.75E-17 1.75E-17 3.76E-17 1.75E-17 1.75E-17 3.76E-17 1.75E-17 1		a	NA 215 12		NA L	NA	NA.	
Comparison Com	Anilina		1 025.11		5.6/E-15	3.73E-15	7.35E-15	7.4
dehyde by the control of the control	Atrazine		1 105-12		1 - 55E - 10	1.55E-10	2.66E-10	2.7
uran 4.286-17 7.78-19 2.956-10 2.956-10 1.286-11 1.286-11 1.286-11 2.956-10 2.956-10 2.956-10 1.296-10 1.296-10 2.956-10 2.956-10 2.956-10 2.956-10 1.296-10 2.956-10 2.956-10 2.956-10 2.956-10 1.296-10 2.956-10 2.966-12 1.356-12 2.966-13	Benzaldehvd	ď	76F-1		6 04E-11	6.546-15	1.64E-12	
uran 4.26f-11 7.17f-12 2.96f-10 5.96f-11 5.06f-11 5.06f-11 5.06f-11 5.06f-11 5.06f-11 5.06f-11 5.06f-11 6.77f-10 5.96f-11 5.06f-11 6.77f-10	Benzene		AN		NA PA	0. IDE-11	1.21E-10	7
c /cid	Benzofuran		4.26E-11	7.17F-12	2 05E-10	2 005-10	-	u
Figure F	Benzoic Aci	.02	4.29E-12	7.22F-13	2 07E-1	Z C1E-11		N C
hiszole 3.99E-14 6.72E-15 2.76E-13 2.80E-13 5.52E-15 ethylhexyl)phthalate 2.36E-14 3.96E-15 1.56E-13 2.80E-17 3.56E-13 3.26E-13 1.96E-13 3.26E-13 1.96E-13 3.26E-13 1.96E-13 3.26E-13 1.96E-13 3.26E-13 1.96E-13 1.96E-14 1	Benzonitril	6)	9.36E-11	1.58E-11	6 47E-10	6 57E-10	1 205-00	0 4
ethythexyt)phthalate 2.366-14 3.966-15 1.656-13 2.666-13 3.246-14 1.336-14 1.336-13 2.666-13 3.246-14 1.336-13 1.656-13 2.666-12 1.866-12 1.336-14 1.356-13 2.666-12 1.866-12 1.336-14 1.356-13 2.666-12 1.866-12 1.336-14 1.356-14 1.356-14 1.356-14 1.366-15 1.366-15	Benzothiazo	le	3.99E-14	6.72E-15	2.76E-13	2.80F-13	5.52F-13	
ote chylhexyl)phthalate	Biphenyl		NA	AN	NA	NA	NA	
Tetrachloride 1.92E-13 3.24E-14 1.33E-12 1.35E-12 2.66E-12 NA	Bis(2-ethyl	nexyl)phthalate	2.36E-14	3.96E-15	.63E	1.65E-13	3.26F-13	7
NA	Carbazole		1,92E-13	3.24E-14	33E	1.35E-12	2.66E-12	2.7
10	Carbon Tetr	achloride	NA	NA	N.	N	A.	
NA	4-Chloroani	ine	1.10E-14	1.85E-15	.62E	7.73E-14	1.52E-13	.5
Component	Chlorobenze	9	Y Y	NA	AN	NA	AN	
triangle of the control of the contr	4-Caloropip	ieny t	2.71E-14	4.57E-15	1.88E-13	1.90E-13	3.75E-13	3.8
formation of the control of the cont	Chloroethan	prierry	0 72F 13	2.30E-16	9.44E-15	9.58E-15	1.89E-14	1.95
ofuran by SEE-13 1,44E-13 5,91E-12 6,00E-12 1,18E-11 NA	Chloroform		V. F. CE - 1.5	1.04E-15	0.72E-12	6.8ZE-1Z	1.34E-11	1.36
robenzenes (total) NA NA NA NA NA NA NA NA NA N	Dibenzofura				01E-1	A 005-12	NA TOT	-
Dichlorobenzene NA NA NA NA NA NA NA NA NA N	Dichloroben	tenes (total)			MA	0.005-12	1. 10E-11	3.
chloroethane NA	1.4-Dich	orobenzene	N. A.	Z V	Z Z	Z Z	Z Z	2 2
chloroethane 9.84E-14 1.66E-14 6.81E-13 6.91E-13 1.36E-12 NA N	1,1-Dichlore	ethane	AN	N AN	Z Z	2 2	Z = 2	2 2
chloroethene NA	1,2-Dichlord	ethane	9.84E-14	1-66F-14	A 81E-12	010	772	
And the new of the new		ethene	NA NA	NA	NA NA	NA NA	200	
his objects of the control of the co		ethene	NA NA	NA.	NA	¥ 4	£ 5	2 2
In the carbonitrite (1.25E-12) (1.25E-13) (1.25E-14) (1.25E-15) (1	.2-Dich	propane	A	AN		¥ <	£ 5	2 2
NA	ieldrin		9.75E-16	1-64F-16	6 7/E-15	A 8/E-15	7 ZEC- 1/	2 12
Composition	imethyl	lfide	NA.	NA	NA NA	O.046	*1 - 30C - 1	7.
ine 3.33E-09 5.61E-10 2.30E-08 2.34E-08 4.61E-08 4.55E-16 7.63E-17 3.13E-15 3.18E-15 1.34E-15 6.27E-15 1.34E-15 1.34E-11	exachio	nzene	2.58F-12	21-175 7	1 785-11	1 045-44	7 575 14	2 5
chloride NA NA NA NA NA NA NA NA NA N			3 33F-00	5 615-10	2 205-00	2 2/2 00	3.5/2-11	20.0
there carbonitrile 9.36E-12 2.95E-13 3.10E-13 6.27E-13 6.27E-13 6.27E-13 6.27E-13 6.27E-13 6.27E-13 6.27E-13 6.27E-13 6.27E-13 6.27E-14 6.27E-15 6.27E-14 1.45E-14 1.05E-12 6.29E-12 1.05E-12 1.05E-12 1.05E-13 1.27E-14 1.05E-13 1.24E-13 1.24E-13 1.25E-13 1.29E-13 1.			4 53E-16	7 625.17	2 425 45	2 100 1	4.01E-US	4.0
chloride NA	Malathion		1 2/5 15	20.00	- 20	3.185-13	0.2/E-15	0.30
And the carbonitrile (4.26E-12 7.17E-13 2.95E-11 2.99E-11 1.68E-12 1.05E-13 1.64E-12 1.29E-12 1.05E-13 1.24E-13 1.29E-13	5 6	(7	C: 140.1	2.43E-10	- 10	V.59E-15	1.85E-14	1.88
thyl ketone 1.65E-13 2.78E-14 1.14E-12 1.16E-12 2.29E-12 phenol 1.50E-13 2.53E-14 1.04E-12 1.05E-12 2.09E-12 phenol 1.50E-13 2.53E-14 1.04E-12 1.05E-12 2.08E-12 1.05E-12 1.05E-12 1.05E-12 1.77E-14 2.98E-15 1.22E-13 1.24E-13 2.45E-13 ene carbonitrile 9.36E-11 1.58E-11 6.47E-10 6.57E-10 1.29E-09 odimethylamine 1.07E-12 7.17E-13 2.95E-11 2.99E-11 5.89E-11 2.99E-11 5.89E-11	Methyl child	901	¥ 2	¥:	ď.	Y.	NA	2
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yl hydrazine 1.05E-09 1.77E-10 7.26E-09 7.37E-09 1.45E-08 ene arbonitrile 9.36E-11 1.58E-11 6.47E-10 6.57E-10 1.29E-09 odimethylamine 1.07E-12 1.80E-13 7.39E-11 7.49E-11 5.89E-11 5.89E-11 5.89E-11	4-Methylpher	0	1.50E-13	2.53E-14	1.04E-12	1.05E-12	2.08E-12	2.11
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odimethylamine 1.07E-12 1.80E-13 7.39E-12 7.49E-12 1.48E-11 obtthalene 4.26E-12 7.17E-13 2.95E-11 2.99E-11 5.89E-11 4.26E-12 7.17E-13 2.95E-11 2.99E-11 5.89E-11	Naphthalene	carbonitrile	9.36E-11	1.58E-11	6.47F-10	6 57F-10	1 205.00	1 21
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7. 245-11 2.056-11 2.056-11 2.056-11 2.056-11	Acenaphth	alene	4 2KE-12	7 175-12	2 OFF 44	100	100 1	
	Acenaphth	ene	4 26E-12	7 175-12	2 OFF-11	2 200 0	5.89E-11	5.98

	1.20E-11 1.20E-10 1.20E-10 1.20E-10 1.20E-10 1.20E-10 1.47E-14 1.35E-11 1.35E-11 1.75E-09 1.77E-13 1.78E-09 1.79E-11 1.85E-11 1.85E-11 1.86E-11 1.86E-11	1000 FBD × DF
&		D*AT*1000 SD*BD ER * x DF
ø	1.18E-11 1.18E-10 1.18E-10 1.18E-10 2.37E-10 2.37E-10 2.32E-11 2.32E-11 7.14E-12 NA NA N	ii ii
•	E-12 6.00E-12 1.11 6.00E-12 1.12 6.00E-11 1.12 6.00E-11 1.12 6.00E-12 1.20E-10 1.20E-10 1.20E-10 1.20E-10 1.20E-10 1.20E-10 1.20E-10 1.20E-12 1.20E-11 1.20E-1	<u></u>
0	5.91e-12 6.00 5.91e-14 6.00 5.91e-17 6.00 2.30e-14 2.34 1.18e-10 1.20 1.47e-14 1.49 7.26e-12 6.66 3.57e-12 7.37 1.16e-13 1.18 NA N	F WHALATION DFI COF SY DDF SY/WET TDF
Z	1.44E-13 1.44E-13 1.44E-13 5.64E-13 2.88E-12 2.88E-12 2.83E-15 1.62E-13 8.69E-14 NA NA NA NA NA NA NA NA NA NA NA NA NA	Dilution Factor 1.22E-01 INHALATION Deposition Factor 5.05E-04 DRY 3.00E-03 DRY/WET
M TARIF 1-8	8.55E-13 8.55E-12 8.55E-12 1.71E-11 1.05E-13 1.05E-13 1.27E-13 1.27E-10 1.2	Q Ğ
ပ	Chrysene Dibenzo(a,h)anthracene Fluoranthene Fluoranthene Pluoranthene Parathion Pentachlorobenzene Pyridine Quinoline Tetrachlorobenzene Tetrachloroethene Toluene Trichloroethene Trichloroethene Trichloroethene Trichloroethene Trichloroethene Vinyl acetate Vinyl acetate Vinyl acetate Vinyl chloride Xylenes (total) INORGANICS Arsenic Cadmium (III) Chromium (VI) Copper Iron Lead Mercury Selenium Silver Zinc	
A 5	2628464646464646464646464646464646464646	105 107 108 109

Trivity CASE	18-Jun-9 Perposine Perp	۵	J		5	>	3	×	>	2	AA
18_Jun-9	18-Jun-9	•	SENSITIVITY CASE	T TOTAL	•	RAGE					
18-Jun-91 IMMA/ATION WEEE/Aday Cong/Kg/day) Congressive Cong	The control of the										
4.39E-15 1.06E-15 1.06E-17 1.06E-	Orditrite 5.39E-15 6.18E-11 4.74E-17 1.66E-17 6.77E-18 7.76E-14 1.25E-14 1.66E-17 1.		18-Jun-91 16:44:49 FARM	INHALATION EXPOSURE (mg/Kg/day)	VEGETABLE EXPOSURE (mg/Kg/day)	MILK EXPOSURE (mg/Kg/day)	BEEF EXPOSURE (mg/Kg/day)	SOIL/DUST EXPOSURE (mg/Kg/day)	FISH CONSUMPTION (mg/Kg/day)	DERMAL EXPOSURE (mg/Kg/day)	TOTAL (mg/Kg/day)
one of 4.39E-15 NA	one of 4.39E-15 MA										
3.97E-12 6.19E-11 4.74E-17 1.86E-17 6.76E-15 7.76E-12 1.12E-14 M M M M M M M M M M M M M M M M M M M	3.97E-12 6.19E-11 4.74E-17 1.86E-17 6.76E-15 7.76E-12 1.12E-14 M M M M M M M M M M M M M M M M M M M	SGAR	IICS	205				Ē	į	į	
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6.177e-18 3.41E-17 9.56E-19 1.44E-19 1.05E-20 2.81E-27 1.89E-20 1.05E-15 1.05E-15 3.05E-19 1.20E-19 2.35E-19 0.00E-00 3.12E-15 1.05E-15 3.05E-19 1.05E-15 3.05E-19 0.00E-00 3.12E-16 1.05E-15 1.	6.177e-18 3.47fe-17 9.56e-19 1.44fe-19 1.05fe-20 2.8fe-27 1.896-20 1.28fe-16	•	crylonitrile	60E					12-30/-/	- 22E-	0.04E
2 22F-13 193E-13 6.88E-18 3.47E-18 3.80E-16 2.30E-27 1.08E-17 1.08E-15 1.08E-17 1.08E-15 1.08E-17 1.08E-15 1.08E-17 1.08E-18 1.08E-17 1.08	2.23=-13 1.93e-13 8.85e-18 3.47e-18 3.80e-16 2.33e-19 6.08e-06 4.23e-18 1.08e-15 7.08e-16 2.00e-19 2.33e-18 0.00e-00 4.23e-18 1.08e-15 7.08e-16 2.00e-19 2.33e-18 1.28e-19 1.28e-19 2.36e-19 1.28e-19 1.2	•	ldrin	17E.		0 545-10	1.4E-1	A OFF. 20	2 04F. 27	AN OCT 20	1.09E-
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1.02E-15 4.77E-16 7.07E-18 1.77E-16 1.75E-16 2.51E-20 3.12E-16 1.02E-15 4.77E-16 1.77E-16 1.77E-16 2.51E-20 3.12E-16 1.02E-15 1.00E-16 4.77E-18 1.72E-16 1.52E-16 1.05E-16 1.77E-16 1.72E-16 1.72E-17 1.7	1.02E-15 4.77E-16 7.07E-18 1.77E-16 1.75E-16 2.51E-20 3.12E-16 1.02E-15 4.77E-16 1.77E-16 1.77E-16 2.51E-20 3.12E-16 1.02E-15 1.02E-16 1.02E-15 1.02E-16 1.0	4	trazine		98	3 00F-10	205	2 255.18	0 00E+00	0.03E-10	- 1/E-
1.28E-15	1.28E-15	œ	enzaldehyde		79E-	7.07F-18	77F-	1 735-16	2 515.20	3 12E-16	1 50E
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te 2.74E-16 1.47E-16 5.39E-20 2.11E-20 7.89E-19 2.51E-24 1.42E-18	te 2.74E-16 1.75E-15 8.05E-10 7.89E-19 2.51E-24 1.42E-18	00	enzonitrile		4.76E-13	8.17E-17	20E	1.85E-15		3.34E-15	1.57F-
14. 276E-15	The control of the co	00	enzothiazole	4.64E-16	1.47E-16	5.39E-20	2.11E-20	7.89E-19		1.42E-18	6.12E-1
Colored Colo	1.28E-16 1.15E-15 8.03E-16 9.59E-17 4.65E-19 3.25E-26 8.39E-19 8.03E-16 1.25E-16 1.25E-16 1.25E-19 1.25E-19 3.00E-18 3.31E-21 6.85E-18 1.25E-19 1.2	00 (iphenyl	4.98E-13	ž	AN		NA		NA	4.98E-
6,428-15 7,73E-16 9,15E-19 3,52E-19 3,50E-18 3,31E-21 6,85E-18 1,28E-16 3,54E-17 1,25E-20 4,89E-21 2,18E-19 9,45E-22 3,92E-19 3,07E-16 3,54E-17 1,25E-20 4,89E-21 2,18E-19 9,45E-22 3,92E-19 3,07E-16 5,38E-17 2,30E-19 2,65E-20 2,70E-20 5,77E-24 4,86E-20 1,58E-17 2,03E-18 9,01E-20 2,65E-20 2,70E-20 5,77E-24 4,86E-20 1,58E-14 3,01E-15 7,93E-19 3,10E-17 1,91E-22 4,86E-17 1,28E-14 3,01E-15 3,01E-19 3,10E-17 1,91E-22 4,86E-17 1,28E-14 3,01E-15 3,01E-17 3,10E-17 1,91E-23 4,86E-17 1,28E-14 3,01E-18 3,01E-18 3,01E-19 3,05E-17 1,91E-23 4,86E-17 1,28E-15 3,01E-18 3,01E-18 3,01E-18 3,01E-18 3,05E-18 3,05E-18 3,05E-18 3,05E-18 3,05E-18 3,05E-18 3,05E-	6,428-15 7,73E-16 9,15E-19 3,52E-19 3,30E-18 3,31E-21 6,85E-18 1,22E-16 3,54E-17 1,25E-20 4,89E-21 2,18E-19 9,45E-22 3,95E-19 3,07E-16 3,54E-17 1,25E-20 4,89E-21 2,18E-19 9,45E-22 3,95E-19 3,15E-16 5,38E-17 7,30E-19 2,65E-20 2,76E-20 5,71E-22 4,86E-20 1,35E-14 5,51E-15 7,93E-19 3,10E-19 1,92E-17 1,91E-22 4,86E-20 5,51E-14 5,51E-15 7,93E-19 3,10E-19 1,92E-17 1,91E-22 3,46E-17 1,38E-14 5,51E-14 NA NA NA NA NA 1,38E-14 NA NA NA NA NA NA 1,38E-15 3,0E-19 3,55E-18 1,69E-17 1,91E-20 3,05E-17 1,46E-15 NA NA NA NA NA NA 1,46E-15 NA NA NA NA NA <	20 (is(2-ethylhexyl)phthalate	2.74E-16	. 15F	8.03E-16	.59E-1	4.65E-19	.25E-	8.39E-19	2.32E-
6.48E-15	0.48E-15 0.48E-15 0.48E-15 0.48E-15 0.48E-15 0.48E-15 0.48E-15 0.72E-16 0.52E-17 0.72E-16 0.53E-19 0.71E-20 0.54E-17 0.72E-19 0.71E-20 0.54E-19 0.71E-20 0.71E-20 0.71E-20 0.71E-20 0.72E-17 0.72E-19 0.72E-17 0.72E-19 0.7	ا ب	arbazole	2.23E-15		9.15E-19	.52E-1	3.80E-18	.31E-	6.85E-18	3.02E-1
1.28E-16 5.56E-17 1.25E-20 4.89E-21 2.18E-19 9.45E-22 3.92E-19 1.28E-16 5.28E-17 7.30E-19 2.49E-19 5.36E-19 3.39E-22 3.92E-19 1.59E-17 2.03E-18 9.01E-20 2.63E-20 2.70E-20 5.71E-24 4.86E-20 1.13E-14 5.51E-18 7.93E-19 1.0E-19 1.92E-17 1.91E-23 3.46E-17 1.33E-14 5.51E-18 1.69E-17 1.91E-20 3.05E-17 1.91E-20 3.05E-17 1.28E-15 1.86E-19 1.96E-17 1.91E-20 3.05E-17 1.91E-20 3.05E-17 1.91E-20 3.05E-17 1.91E-20 3.05E-17 1.91E-20 3.05E-17 1.91E-20 3.05E-17 1.96E-18 1.86E-19 1.96E-17 1.96E-18 1.86E-17 1.96E-18 1.86E-19 1.96E-17 1.96E-18 1.86E-19 1.96E-19 1.96	1.28E-16 5.56F-17 1.25E-20 4.88E-21 2.18E-19 9.45E-22 3.92E-19 1.55E-16 5.28E-17 7.30E-19 2.49E-19 5.36E-19 3.39E-22 3.92E-19 1.59E-17 2.03E-18 9.01E-20 2.70E-20 5.71E-24 4.86E-20 1.35E-14	٠,	arbon letrachloride	6.48E-15	¥.	N.	NA	NA	Ä	NA	6.48E-1
3.15E-16 3.15E-16 3.15E-16 3.15E-16 3.15E-16 3.15E-17 3.15E-18 3.1	3.15E-16 5.28E-17 7.30E-19 2.49E-19 5.36E-19 3.39E-22 9.66E-19 1.59E-17 2.03E-18 9.01E-20 2.65E-20 2.70E-20 5.71E-24 4.86E-20 2.70E-20 5.71E-24 4.86E-20 2.70E-20 5.71E-24 4.86E-20 2.70E-20 5.71E-24 4.86E-20 2.70E-10 5.71E-24 4.86E-17 1.91E-20 3.05E-17 1.91E-20 3.05E-17 1.91E-20 3.05E-17 1.91E-20 3.05E-17 1.91E-20 3.05E-17 1.91E-19 1.92E-19 1.92E-19 1.93E-19 1.9	4 (-chloroaniline	1.28E-16	.54E-	1.25E-20			.45E-	-92E-	1.64E-1
1.39E-10	1.35E-17 2.03E-17 2.49E-19 2.49E-19 3.36E-19 3.36E-19 1.59E-17 2.03E-17 1.91E-23 3.46E-17 1.59E-17 2.03E-19 3.10E-19 1.92E-17 1.91E-23 3.46E-17 1.91E-23 3.51E-18) <	ntoropenzene -Chlosophishossul	3.U/E-10	AN T	YA .		NA	Α V	NA	3.07E-1
1.35E-14 1.36E-15 1.36E-17 1.36E-	1.35E-14 NA	1 4	4-Chlorobinhenyi	1 505-17	2 035 19	7.30E-19		5.36E-19	39E	9.66E-19	3.70E-1
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9.93E-15 1.28E-15 NA NA NA NA NA NA NA NA NA N	9.93E-15 2.30E-15 NA	ت د	horoform	5 515-14	0.0 E-15	7.93E-19		1.92E-17	-91E-	3.46E-17	1.69E-1
3.08E-15	3.08E-15 NA	0	ibenzofuran	0 025-15			Z L	NA.	A	Y.	5.51E-1
8.08E-17 NA	8.08E-17 NA	0	ichlorobenzenes (total)	1 285-15			-326-	-0%E-	- 1%E-	. USE-	1.25E-1
3.66E-15 NA	3.66E-15 NA NA NA NA NA NA NA NA NA N	1	1.4-Dichlorobenzene	8 08F-17	V N	2 4 2	¥ 2	d e	¥ :	Y :	- 202-1
1.14E-15 3.76E-15 7.99E-20 3.11E-20 1.94E-18 5.73E-23 3.51E-18 NA	1.14E-15 3.76E-15 7.95E-20 3.11E-20 1.94E-18 5.73E-23 3.51E-18 NA	-	.1-Dichloroethane	3.66F-15	NA.	44		¥ 2	¥ =	Z 2	0-00E-1
1.96E-15 NA	1.96E-15 NA	-	.2-Dichloroethane	1.14E-15	-76F-	U	-	0,4	1	A P	2.006-1
1.69E-15 NA	1.69E-15 NA	-	,1-Dichloroethene	1.96E-15	NA		. 2	NA NA	•	1	1 045-1
7.25E-16 NA	7.25E-16	_	,2-Dichloroethene	1.69E-15	NA	NA	NA	NA.	VA.	V V	1 405-1
1.13E-17 4.21E-16 1.7TE-19 4.03E-20 1.93E-20 1.08E-24 3.47E-20 3.11E-15 NA	1.13E-17 4.21E-16 NA 2.99E-14 1.45E-16 4.39E-17 5.09E-17 4.30E-19 9.18E-17 3.26E-18 2.99E-14 1.45E-16 4.39E-17 5.09E-17 4.30E-19 9.18E-17 5.24E-18 2.19E-17 2.24E-18 4.28E-21 1.66E-21 2.64E-20 0.00E+00 4.77E-20 1.19E-13 1.52E-17 2.24E-18 4.28E-21 1.66E-21 2.64E-20 0.00E+00 4.77E-20 1.52E-17 1.52E-17 NA	_	,2-Dichloropropane	7.25E-16	NA	NA	NA	NA	AN	MA	7 255-1
3.11E-15 NA 2.99E-14 1.04E-14 1.45E-16 4.39E-17 5.09E-17 4.30E-19 9.18E-17 3.87E-11 1.43E-08 3.26E-17 1.28E-17 6.58E-14 3.52E-20 1.19E-13 5.26E-18 2.19E-18 2.18E-21 8.38E-22 8.95E-21 4.73E-26 1.61E-20 1.19E-13 5.26E-17 2.24E-18 4.28E-21 1.66E-21 2.64E-20 0.00E+00 4.77E-20 1.52E-15 NA	3.11E-15 NA NA NA NA LASE-16 4.39E-17 5.09E-17 4.30E-19 9.18E-17 5.29E-14 1.45E-16 4.39E-17 5.09E-17 4.30E-19 9.18E-17 5.28E-14 3.52E-20 1.19E-13 5.26E-18 2.19E-18 2.18E-21 8.38E-22 8.95E-21 4.73E-26 1.19E-13 1.52E-17 2.24E-18 4.28E-21 1.66E-21 2.64E-20 0.00E+00 4.77E-20 1.52E-15 NA	۵	ieldrin	1.13E-17	.21E	71E	03E-	1,93F-20	1.08F-24		7.325.7
2.99E-14 1.04E-14 1.45E-16 4.39E-17 5.09E-17 4.30E-19 9.18E-17 3.87E-11 1.43E-08 3.26E-17 1.28E-17 6.58E-14 3.52E-20 1.19E-13 5.26E-18 2.19E-17 8.38E-22 8.95E-21 4.73E-26 1.61E-20 1.55E-17 2.24E-18 4.28E-21 1.66E-21 2.64E-20 0.00E+00 4.77E-20 1.55E-15 NA	2.99E-14 1.04E-14 1.45E-16 4.39E-17 5.09E-17 4.30E-19 9.18E-17 5.28E-11 1.43E-08 3.26E-17 1.28E-17 6.58E-14 3.52E-20 1.19E-13 5.26E-18 2.18E-21 8.38E-22 8.95E-21 4.73E-26 1.61E-20 1.55E-15 NA	۵	imethyldisulfide	3.11E-15	NA	NA	NA	NA	MA		7 11E-1
3.87E-11 1.43E-08 3.26E-17 1.28E-17 6.58E-14 3.52E-20 1.19E-13 5.26E-18 2.19E-21 8.38E-22 8.95E-21 4.73E-26 1.61E-20 1.52E-17 2.24E-18 4.28E-21 1.66E-21 2.64E-20 0.00E+00 4.77E-20 1.52E-15 NA	3.87E-11 1.43E-08 3.26E-17 1.28E-17 6.58E-14 3.52E-20 1.19E-13 5.26E-18 2.19E-21 8.38E-22 8.95E-21 4.73E-26 1.61E-20 1.52E-17 2.24E-18 4.28E-21 1.66E-21 2.64E-20 0.00E+00 4.77E-20 1.52E-15 NA	Ĭ	exachlorobenzene	2.99E-14	1.04E-14	1.45F-16	4 30F-17	5 NOF-17	4 30F-10	0 185-17	/ 07E-1
5.26E-18 2.19E-18 2.18E-21 1.66E-21 2.64E-20 0.00E+00 4.77E-20 1.55E-17 2.24E-18 4.28E-21 1.66E-21 2.64E-20 0.00E+00 4.77E-20 1.55E-15 NA	5.26E-18 2.19E-18 2.18E-21 1.66E-21 2.64E-20 0.00E+00 4.77E-20 1.61E-20 1.55E-17 2.24E-18 4.28E-21 1.66E-21 2.64E-20 0.00E+00 4.77E-20 1.55E-15 NA	ź	vdrazine	3.87E-11	1 43F-DR	3 26F-17	1 285-17	4 58E-1/	2 525.30	1 105 12	1777
1.55E-17 2.24E-18 4.28E-21 0.30E-22 0.39E-21 4.75E-20 1.01E-20 1.55E-17 2.24E-18 4.28E-21 1.66E-21 2.64E-20 0.00E+00 4.77E-20 1.52E-15 NA	1.55E-17 2.24E-18 4.28E-21 1.66E-21 2.64E-20 0.00E+00 4.77E-20 1.51E-20 1.52E-15 NA		indane	5 24F-18	2 10F.18	2 185.24	0 205 22	0.00	725.70	1,195,13	7 .01
1.52E-15	1.52E-15	ž	alathion	1 555-17	2 2/1 40	7-301-7	0.30E-22	8.735-21	4.75-20	OIE.	1-48E-1
1.77E-15 NA	9.77E-19 NA	3	**************************************	מל הכת ל	01-245-7	4-20E-21		Z-04E-50	·	TTE-	1.79E-1
9.17E-14 NA	9.77E-14 NA	É	ברוואר בעורסו ומפ	C1 - 37C* 1	A.	NA		A		AN	1.52E-1
1.92E-15 1.48E-14 4.09E-20 1.61E-20 3.27E-18 0.00E+00 5.89E-18 1.74E-15 2.38E-15 1.89E-19 7.40E-20 2.96E-18 2.71E-23 5.35E-18 1.22E-11 1.69E-09 1.03E-17 4.03E-18 2.08E-14 1.12E-20 3.74E-14 2.06E-16 1.05E-16 8.95E-20 3.44E-20 3.50E-19 1.48E-19 6.31E-19 1.09E-12 5.58E-13 4.73E-16 1.82E-16 1.85E-15 3.42E-18 3.34E-15 1.24E-14 3.66E-12 1.07E-19 4.18E-20 2.11E-17 0.00E+00 3.81E-17 4.95E-14 1.26E-14 3.85E-17 1.68E-17 1.68E-17 1.68E-17 1.65E-19 1.52E-16 4.95E-14 1.85E-15 1.26E-14 3.85E-17 1.75E-17 1.66E-17 1.6	1.92E-15 1.48E-14 4.09E-20 1.61E-20 3.27E-18 0.00E+00 5.89E-18 1.74E-15 2.38E-15 1.89E-19 7.40E-20 2.96E-18 2.71E-23 5.35E-18 1.22E-11 1.69E-09 1.03E-17 4.03E-18 2.08E-14 1.12E-20 3.74E-14 2.06E-16 1.05E-16 8.95E-20 3.44E-20 3.50E-19 1.48E-19 6.31E-19 1.09E-12 5.58E-13 4.73E-16 1.82E-16 1.85E-15 3.42E-18 3.34E-19 6.31E-19 1.24E-14 3.66E-12 1.07E-19 4.18E-20 2.11E-17 1.05E-19 1.52E-16 4.95E-14 1.26E-14 3.85E-17 1.68E-17 8.42E-17 1.05E-19 1.52E-16 9.93E-14 1.83E-17 2.21E-15 4.77E-16 1.69E-16 1.40E-19 3.05E-16	Ĕ:	ethylene chloride	9.1/E-14	NA	AN		N		AN	9.17E-1
1.74E-15 2.38E-15 1.89E-19 7.40E-20 2.96E-18 2.71E-23 5.35E-18 1.22E-11 1.69E-09 1.03E-17 4.03E-18 2.08E-14 1.12E-20 3.74E-14 2.06E-16 1.05E-16 8.95E-20 3.44E-20 3.50E-19 1.48E-19 6.31E-19 1.09E-12 5.58E-13 4.73E-16 1.85E-16 1.85E-15 3.42E-18 3.34E-15 1.24E-14 3.66E-12 1.07E-19 4.18E-20 2.11E-17 0.00E+00 3.81E-17 4.95E-14 1.26E-14 4.51E-17 1.68E-17 8.42E-17 1.05E-19 1.52E-16 4.95E-14 1.26E-14 3.85E-17 1.45E-17 4.60E-17 4.07E-20 1.52E-16 5.5E-16 1.5E-16 1.5E-	1.74E-15 2.38E-15 1.89E-19 7.40E-20 2.96E-18 2.71E-23 5.35E-18 1.22E-11 1.69E-09 1.03E-17 4.03E-18 2.08E-14 1.12E-20 3.74E-14 2.06E-16 1.05E-16 8.95E-20 3.44E-20 3.50E-19 1.48E-19 6.31E-19 1.09E-12 5.58E-13 4.73E-16 1.82E-16 1.85E-15 3.42E-18 3.34E-19 3.34E-19 1.24E-14 3.66E-12 1.07E-19 4.18E-20 2.11E-17 0.00E+00 3.81E-17 4.95E-14 1.26E-14 3.85E-17 1.68E-17 8.42E-17 1.05E-19 1.52E-16 9.93E-14 1.83E-15 2.21E-15 4.77E-16 1.69E-16 1.40E-19 3.05E-16	ž.	ethyl ketone		1.48E-14	4.09E-20	.61E-20	3.27E-18	Ö	89E-	1-68E-1
1.22E-11 1.69E-09 1.03E-17 4.03E-18 2.08E-14 1.12E-20 3.74E-14 2.06E-16 1.05E-16 8.95E-20 3.44E-20 3.50E-19 1.48E-19 6.31E-19 1.09E-12 5.58E-13 4.73E-16 1.82E-16 1.85E-15 3.42E-18 3.34E-15 1.09E-12 5.58E-14 1.07E-19 4.18E-20 2.11E-17 0.00E+00 3.81E-17 4.95E-14 2.96E-14 4.51E-17 1.68E-17 8.42E-17 1.05E-19 1.52E-16 4.95E-14 1.26E-14 3.85E-17 1.45E-17 4.07E-20 1.52E-16 5.5E-16 1.5E-16 1.5E-	1.22E-11 1.69E-09 1.03E-17 4.03E-18 2.08E-14 1.12E-20 3.74E-14 2.06E-16 1.05E-16 8.95E-20 3.44E-20 3.50E-19 1.48E-19 6.31E-19 1.09E-12 5.58E-13 4.77E-16 1.82E-16 1.85E-15 3.42E-18 3.34E-19 6.31E-19 1.24E-14 3.66E-12 1.07E-19 4.18E-20 2.11E-17 0.00E+00 3.81E-17 4.95E-14 1.26E-14 3.85E-17 1.68E-17 8.42E-17 1.05E-19 1.52E-16 9.93E-14 1.83E-15 2.21E-15 4.77E-16 1.69E-16 1.40E-19 3.05E-16	4	Methylphenol		2.38E-15	1.89E-19	0	2.96E-18	2	35E-	4 13E-1
2.06E-16 1.05E-16 8.95E-20 3.44E-20 3.50E-19 1.48E-19 6.31E-19 1.00E-12 5.58E-13 4.73E-16 1.82E-16 1.85E-15 3.42E-18 3.34E-15 1.24E-14 3.66E-12 1.07E-19 4.18E-20 2.11E-17 0.00E+00 3.81E-17 4.95E-14 2.96E-14 4.51E-17 1.68E-17 8.42E-17 1.05E-19 1.52E-16 4.95E-14 1.26E-14 3.85E-17 1.45E-17 8.42E-17 4.07E-20 1.52E-16 9.93E-14 1.84E-15 2.7E-14 1.45E-17 4.07E-17 4.07E-20 1.52E-16	2.06E-16 1.05E-16 8.95E-20 3.44E-20 3.50E-19 1.48E-19 6.31E-19 1.09E-12 5.58E-13 4.73E-16 1.82E-16 1.85E-15 3.42E-18 3.34E-15 1.24E-14 3.66E-12 1.07E-19 4.18E-20 2.11E-17 0.00E+00 3.81E-17 4.95E-14 2.96E-14 4.51E-17 1.68E-17 8.42E-17 1.05E-19 1.52E-16 4.95E-14 1.83E-17 2.21E-15 4.77E-16 1.69E-16 1.40E-19 3.05E-16	ž	onomethy! hydrazine	1.22E-11	1.69E-09	1.03E-17	Ø	2.08E-14	-	-37/	1.70E-0
1.09E-12 5.58E-13 4.73E-16 1.82E-16 1.85E-15 3.42E-18 3.34E-15 1.24E-14 3.66E-12 1.07E-19 4.18E-20 2.11E-17 0.00E+00 3.81E-17 4.95E-14 2.96E-14 4.51E-17 1.68E-17 8.42E-17 1.05E-19 1.52E-16 4.95E-14 1.26E-14 3.85E-17 1.45E-17 8.42E-17 4.07E-20 1.52E-16 9.95E-14 1.84E-15 7.75E-14 1.68E-17 1.05E-19 1.68E-19 1.6	1.09e-12 5.58e-13 4.73e-16 1.82e-16 1.85e-15 3.42e-18 3.34e-15 1.24e-14 3.66e-12 1.07e-19 4.18e-20 2.11e-17 0.00e+00 3.81e-17 4.95e-14 2.96e-14 4.51e-17 1.68e-17 8.42e-17 1.05e-19 1.52e-16 4.95e-14 1.26e-14 3.85e-17 1.45e-17 8.42e-17 4.07e-20 1.52e-16 9.93e-14 1.83e-15 2.21e-15 4.77e-16 1.69e-16 1.40e-19 3.05e-16	ž	aphthalene		1.05E-16	8.95E-20	0	3.50E-19		31F-	7 12F-1
1.24E-14 3.66E-12 1.07E-19 4.18E-20 2.11E-17 0.00E+00 3.81E-17 4.95E-14 2.96E-14 4.51E-17 1.68E-17 1.05E-19 1.52E-16 4.95E-14 1.26E-14 3.85E-17 1.45E-17 4.07E-20 1.52E-16 9.95E-14 1.84E-15 2.91E-15 1.52E-16 1.5	1.24E-14 3.66E-12 1.07E-19 4.18E-20 2.11E-17 0.00E+00 3.81E-17 4.95E-14 2.96E-14 4.51E-17 1.68E-17 8.42E-17 1.05E-19 1.52E-16 4.95E-14 1.26E-14 3.85E-17 1.45E-17 8.42E-17 4.07E-20 1.52E-16 9.93E-14 1.83E-15 2.21E-15 4.77E-16 1.69E-16 1.40E-19 3.05E-16	ž	aphthalene carbonitrile		5.58E-13	4.73F-16	8	1 RSE-15	, le	3/2	1 455.1
4,95E-14 2,96E-14 4,51E-17 1,68E-17 8,42E-17 1,05E-19 1,52E-16 4,95E-14 1,26E-14 3,85E-17 1,45E-17 4,07E-20 1,52E-16 9,93E-14 1,83E-15 2,51E-15 1,52E-16	4.95E-14 2.96E-14 4.51E-17 1.68E-17 8.42E-17 1.05E-19 1.52E-16 4.95E-14 1.26E-14 3.85E-17 1.45E-17 4.07E-20 1.52E-16 9.93E-14 1.83E-15 2.21E-15 4.77E-16 1.69E-16 1.40E-19 3.05E-16	Ė	Nitrosodimethylamine		3.66E-12	1.07E-19	Š	2 11F-17	, C	245	2 47E-1
4.95E-14 2.96E-14 4.51E-17 1.68E-17 8.42E-17 1.05E-19 1.52E-16 4.95E-14 1.26E-14 3.85E-17 1.45E-17 4.07E-20 1.52E-16 9.93E-14 1.83E-15 2.21E-15 7.75E-14 1.60E-14 2.6E-14	4.95e-14 2.96e-14 4.51e-17 1.68e-17 8.42e-17 1.05e-19 1.52e-16 4.95e-14 1.26e-14 3.85e-17 1.45e-17 4.07e-20 1.52e-16 9.93e-14 1.83e-15 2.21e-15 4.77e-16 1.69e-16 1.40e-19 3.05e-16	4	lHs .				2		00-100-0	1	
4.95e-14 1.26e-14 3.85e-17 1.45e-17 4.07e-20 1.52e-16 9.93e-14 1.83e-15 7.75e-14 1.65e-15 7.75e-14	4.95e-14 1.26e-14 3.85e-17 1.45e-17 8.42e-17 4.07e-20 1.52e-16 9.93e-14 1.83e-15 2.21e-15 4.77e-16 1.69e-16 1.40e-19 3.05e-16		Acenaphthalene	4.95E-14	2.96F-14	4 515-17	1 685-17	8 4.25-17	1 055-10	F 25 1	7 07.7
9.55-14 1.835-15 2.515-17 1.555-10 0.455-17 4.075-20 1.555-16	9.93E-14 1.83E-15 2.21E-15 4.77E-16 1.69E-16 1.40E-19 3.05E-16		Acenaphthene	4.95E-14	1-26F-14	7 85E-17	1 755-17	0.425.17	7.075.17	E26-1	1.74E-
	01.3026 10 1.406-10 1.406-10 1.406-10 2.006-10		Benzo(a)pyrene	9.93E-14	1.83E-15	2.21F-15	4 77F-16	1 40E-14	1 4.015	05E-1	0.24E-14

Chrysene Dibenzo(a,h)anthracene Dibenzo(a,h)a	2.11E-17 5.34E-16 4.60E-18 2.17E-20 2.17E-21 6.47E-21 1.17E-17 1.17E-17 5.21E-21 8.48E-19 9.44E-19 8.46E-19 8.46E-19 8.46E-19 8.46E-10 8.46E-10 8.46E-10 8.46E-10 8.46E-10 8.46E-10 8.46E-10 8.46E-10 8.46E-10 8.46E-10 8.46E-10 8.46E-10	1.69E-17 1.69E-16 1.69E-16 1.69E-17 3.38E-20 2.08E-17 3.32E-19 1.02E-17 1.02E-17 1.02E-17 1.02E-17 1.02E-17 1.02E-17 1.02E-17	3.55E-19 7.95E-17 NA 1.01E-19 1.60E-18 3.17E-25 NA NA NA NA NA NA	3.05e-17 3.05e-16 3.05e-16 3.05e-16	1.16E-14 1.06E-13
oranthene 9.93E-14 2.94E-14 3 orene 3.87E-17 9.94E-14 ion 1.99E-13 5.0E-15 ion 1.99E-13 5.0E-15 ion 1.99E-13 5.0E-16 ion 1.22E-14 8.20E-15 ion 1.99E-16 6.37E-16 ion 1.22E-14 8.20E-15 ion 1.09E-16 ion 1.09E-17 ion 1.09E-17 ion 1.09E-17 ion 1.09E-17 ion 1.09E-16 ion		1.69E-16 6.58E-20 3.38E-16 4.19E-20 2.08E-17 3.32E-19 1.90E-17 1.02E-17 NA NA NA S.16E-18 1.65E-19	2.92E-20 1.01E-19 1.60E-18 3.17E-25 NA NA NA NA NA NA NA	3.05E-16 3.05E-17	1.30F-13
orene 9.93E-15 3.50E-15 nanthrene 1.99E-13 5.50E-15 ion 1.99E-13 5.48E-14 ene 1.99E-13 5.48E-14 ene 1.99E-13 5.48E-14 ene 1.99E-16 6.37E-16 ion 1.22E-14 8.20E-15 3.7E-16 ion 1.09E-12 ion 1.09E-12 ion 1.09E-14 ion 1.09E-15 ion 1.09E-16 ion 1.09E-16 ion 1.09E-17 ion		1.69E-17 6.58E-20 3.38E-16 4.19E-20 2.08E-17 3.32E-19 NA 1.90E-17 1.02E-17 NA NA NA NA NA NA NA NA NA NA NA NA NA	2.92E-20 1.01E-19 1.60E-18 3.17E-25 NA NA 6.35E-21	3.05E-17	100000
annthrene 3.87E-17 9.94E-18 ene 1.99E-13 5.48E-14 ene 1.99E-13 5.48E-14 ene 1.22E-14 e1.22E-15 1.22E-16 e1.22E-16 e1.22E-17 e1.22E-16 e1.22E-17 e1		6.58E-20 3.38E-16 4.19E-20 2.08E-17 3.32E-19 NA 1.02E-17 1.02E-17 NA NA NA NA NA NA NA NA NA NA NA NA NA	1.01E-19 1.60E-18 3.17E-25 NA NA 6.35E-21 NA		1.35E-14
ene 1.99E-13 5.48E-14 6 ion 2.46E-17 6.55E-18 1 1.2EE-14 8.20E-15 3.7E-16 1.9E-12 1.9E-12 1.9E-14 1.9E-12 1.9E-12 1.9E-14 1.0E-14 1.0E-17 0.0E-17 0.0E		3.38e-16 4.19e-20 2.08e-17 3.32e-19 1.02e-17 1.02e-17 NA NA 5.16e-18 8.18e-14	1.60E-18 3.17E-25 NA NA NA 6.35E-21 NA	1.19E-19	4.90E-17
ion 2.46E-17 6.55E-18 1 hlorobenzene 1.22E-14 8.20E-15 37 ne 1.09E-16 6.37E-16 1.09E-16 1.09E-17 6.09E-16 1.09E-17 6.09E-17 1.09E-17 1.00E-17 1.00E	0 21 210 0. P/O	5.08E-17 3.32E-19 1.90E-17 1.02E-17 NA 5.16E-18 8.18E-14	3.17E-25 NA NA NA 6.35E-21 NA	6.09E-16	2.55E-13
hlorobenzene 1.22E-14 8.20E-15 3. 1.95E-16 6.37E-16 1. I.09E-12 NA I.09E-12 NA I.12E-14 1.06E-14 1. I.08E-15 NA S.06E-14 1. I.08E-16 0.37E-16 1. I.08E-16 0.37E-15 7. I.08E-16 0.37E-15 7. I.08E-16 0.37E-15 7. I.08E-16 0.37E-16 1. I.08E-16 0.37E-16 0. I.08E-16 0. I.08E-16 0. I.08E-16 NA I.	1.17E-17 5.21E-21 NA 2.75E-18 NA 9.44E-19 3.01E-17 2.45E-21 NA NA	2.08e-17 3.32e-19 NA 1.02e-17 1.02e-17 NA NA NA NA NA NA 1.65e-19	NA NA NA SSE-21 NA NA	7.55E-20	3.13E-17
ine hlorobenzene hlorocthene corobenzene corocthene corobenzene co	5.21E-21 NA NA 2.75E-19 9.44E-19 3.01E-17 2.45E-21 NA NA	3.32E-19 NA 1.02E-17 1.02E-17 NA 5.16E-18 8.18E-14	SE NA	3.74E-17	2.05E-14
ne he horobenzene 1.09E-12 NA hi cobenzene 6.00E-15 9.37E-15 7. MA hi coobenzene 2.09E-16 NA hi coobenzene 3.04E-15 0.08E-16 NA dimethyl hydrazine 2.23E-15 4.40E-16 0.08E-14 1.85E-16 1.08E-14 1.85E-16 1.08E-14 1.85E-16 1.08E-14 NA 1.54E-15 NA 1.55E-16 1. SEE-16 1. NA 1.55E-16 1. SEE-16 1. NA 1.55E-16 1. SEE-16 1.		1.90E-17 1.02E-17 1.02E-17 NA 5.16E-18 8.18E-14	NA SE-	5 00F-10	8 33E-16
ine hlorobenzene hlorocethene hlorocethene 2.09E-16 NA 6.00E-15 7. 2.09E-16 NA 6.00E-15 7. 6.00E-15 7. 7.04E-15 NA 6.00E-15 7. 7.04E-15 NA 6.00E-16 NA		1.02E-17 1.02E-17 NA NA 5.16E-18 8.18E-14	SE NA		1 NOF-12
hlorobenzene 6.00E-15 9.37E-15 7.00E-16 NA 3.34E-15 NA 6.00E-16 NA 6.38E-16 NA 6.33E-16 NA		1.02E-17 1.02E-17 NA NA 8.16E-14 1.65E-19	SEE	7 /25.17	2 185-1/
hloroethene 2.09E-16 NA 3.34E-15 NA 3.34E-15 NA 3.34E-15 NA 4.40E-16 2.00ethene 2.23E-15 NA 4.40E-16 2.23E-15 NA 4.20E-17 6.38E-17 6.32E-17 NA 1.28E-15 NA 2.38E-16 NA 2.38E-16 NA 1.08E-14 NA 1.54E-15 NA 1.54E-15 NA 3.37E-09 NA 5.68E-14 NA 5.68E-14 NA 5.63E-15 NA 5.68E-14 NA 5.63E-15 NA 5.63E-1		5.16e-18 NA NA NA 8.18e-14 1.65e-19	Z Z S	1 8/6-17	1 5/c-14
actions of the control of the contro	.446- .016- .456- NA NA N	18E-18E-	Y X		2 000 0
orobenzene 3.04E-15 4.40E-16 2. oroethene 2.23E-15 NA 4.81E-11 8.55E-09 7. oroethene 4.81E-11 8.55E-09 7. oroethene 4.81E-11 8.55E-09 7. oroethene 4.81E-17 6. oroethene 4.41E-17 6. oroethene 4.41E-17 6. oroethene 4.41E-17 6. oroethene 4.40E-16 NA 1.64E-15 NA 3.57E-09 NA 5.68E-14	.01E- .01E- .45E- NA	16E- 18E- 65E-		¥ 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 2/5 15
dimethyl hydrazine 2.23e-15 4.0e-16 2.3e-16 dimethyl hydrazine 4.81e-17 4.92e-17 6.3e-16 NA 1.28e-15 NA 2.38e-16 NA 2.38e-16 NA 1.68e-12 2.79e-15 4.0m (VI) 1.54e-15 NA 1.54e-15 NA 3.37e-09 NA 5.68e-14 NA 5.68e-	NA NA NA NA	18E-	2 5	747	7, 707 6
dimethyl hydrazine 4.355-15 8.756-09 7. acetate 1.386-17 4.926-17 6. chloride 1.286-15 NA chtoride 2.386-16 NA cotal) 2.386-16 NA m (III) 4.386-14 1.856-16 1. m (VI) 1.546-15 NA 3.356-09 NA 5.686-14 NA 5.	.01E- .45E- NA NA	.65.	7.3%E-21	7.3 IE- 10	5.49E-15
acetate 4.51E-11 8.55E-09 7. acetate 1.38E-17 4.92E-17 6. chloride 2.38E-16 NA c (total) 2.38E-16 NA c (total) 1.48E-12 2.79E-15 4. m (III) 4.38E-16 1.85E-16 1. m (III) 4.38E-16 NA 1.54E-15 NA 3.37E-09 NA 5.68E-14 NA	NA N	36.	¥.		2.25E-15
scetate 1.38E-17 4.92E-17 6. Chloride 1.38E-15 NA Chloride 1.28E-15 NA Chloride 1.28E-15 NA Chloride 1.48E-12 2.79E-15 4. Chloride 1.54E-12 2.79E-15 4. Chloride 1.54E-15 NA Chloride 1.55E-15 NA Chlo	NA NA NA	.65E	4.39E-20	1.48E-13	8.60E-09
chloride 1.38E-15 NA chloride 1.28E-15 NA s (total) 2.38E-16 NA c.38E-16 NA 1.48E-12 2.79E-15 4. m (III) 4.38E-14 NA I.54E-15 NA I.54E-15 NA I.56E-14 NA S.56E-14 NA S.68E-14 NA S.68E-14 NA S.68E-14 NA S.68E-14 NA S.68E-14 NA	A K A		2.12E-25		1.47E-16
chloride 1.28E-15 NA s (total) 2.38E-16 NA c 1.48E-12 2.79E-15 4. um (III) 4.38E-14 NA um (VI) 1.54E-15 NA 3.37E-09 NA 5.68E-14 NA 5.68E-1	A A	Y.	NA	×	1.38E-15
s (total) 2.38E-16 NA c 1.48E-12 2.79E-15 4. um (III) 4.38E-14 NA um (VI) 1.54E-15 NA 1.54E-15 NA 3.37E-09 NA 5.68E-14 NA 7.04E-14 1.63E-15 3.	N N	AN	Ä	AN	1.28E-15
1.48E-12 2.79E-15 4. 1.08E-14 1.85E-16 1. 4.38E-14 NA 1.54E-15 NA 1.10E-13 NA 3.37E-09 NA 5.68E-14 NA 7.04E-14 1.63E-15 3.		AN	AN	A	2.38E-16
c 1.48E-12 2.79E-15 4. LOME-14 1.85E-16 1. LOME-14 1.85E-16 1. LOME-14 1.85E-16 1. LOME-15 1.65E-16 1. LOME-15 1.65E-16 1. LOME-14 1.63E-15 3.					
I.48E-12 2.79E-13 4. I.08E-14 1.85E-16 1. III) 4.38E-14 NA I.54E-15 NA I.64E-15 NA I.65E-16 II.					
III) 4.38E-14 1.85E-16 1. IIII) 4.38E-14 NA 1.54E-15 NA 1.64E-15 NA 2.37E-09 NA 5.68E-14 NA 7.04E-14 1.63E-15 3.	5.98E-16	2.51E-15	4.89E-15	4.53E-16	1.53E-12
mm (III)	5.19E-18	1.84E-17	NA	3.31E-18	1.11E-14
III (VI) 1.54E-15 NA NA NA 1.10E-13 NA NA NA 3.37E-09 NA NA NA S.68E-14 NA	NA	AN	NA	Ā	4.38E-14
1.10E-13 NA NA 3.37E-09 NA NA 5.68E-14 NA NA 7.04E-14 1.63E-15 3.05E	¥	¥	N	AN	1.54E-15
3.37E-09 NA	NA	AN	1.17F-15	A	1 12F-13
5.68E-14 NA	AN	NA	MM	AN	3 37F-NO
1.03E-15 3.05E	NA N	N	NA	NA.	5 68F-14
	2 29F-14	1 20E-16	4	~	0 5/E-1/
1.82F-13 NA NA	M	3		2 2	1 825-13
	Z 2	2 2	2 2	¥ 2	1 125-15
W 25-14	¥ =	¥ 2	S FOT 4E		E 045 12
	É	Ę) y E	Š	2.015-13
20		D*AT*1000			
365	days/yr	SD*BD			
	(565 day/yr)	- ED * DET			
inhalation dose = Cair*hr*ef/hu/cf	2	: : :			
1	•	* 65			

19-tun-91 PROBLEE EPROPSIBE PROPSIBE										
16144-159 (reg/Kg/day) (reg/Kg		18-Jun-91	INHALATION	VEGETABLE	MILK	BEEF	SOIL/DUST EXPOSIBE	FISH	DERMAL	TOTAL
1, 200 1		16:44:49 FARM	(mg/Kg/day)	(mg/Kg/day)	(mg/Kg/day)	(mg/Kg/day)	(mg/Kg/day)	(mg/Kg/day)	(mg/Kg/day)	(mg/Kg/da
Maintain	ORGANICS									
Table 1	Acetone		4.39E-15		NA .	NA	AN	N.	NA	4.39E-
in different control of the first state of the firs	Acrylonitrile		1 605-12		4-84E-17	- 89E-	-305-	. GE	1.24E-14	6.65E-
table to the control of the control	Aldrin		6.17E-18	-48E-1	90E	29F-1	16F-	2.81F-27	1.92F-20	7.335-
action 1.38E-15 7.38E-16 4.38E-15 7.38E-16 0.00E-00 4.20E-16 action 1.38E-15 2.38E-16 4.38E-15 7.38E-16 1.38E-15 7.38E-16 0.00E-00 4.20E-17 control 4.39E-17 1.38E-15 2.38E-16 3.38E-16 3.58E-16 3.58E-16 3.58E-16 3.58E-16 3.58E-16 3.58E-16 3.58E-17 3.58E-16	Aniline		2.23E-13		30E	55E-1	36E-	2.33E-19	6.95E-16	4.29E-
Table 1.28E-15	Atrazine		1.38E-15		33E	35E-1	38E-1	0.000+00	4.29E-18	2.16E-
ordinand 4.95E-13 2.79E-13 1.33E-16 4.86E-17 5.5EE-16 5.5EE-16 1.5EE-16 6.33E-16 6.33E-16 6.33E-16 6.33E-16 1.00E-18 2.00E-18 2.00E-18 2.00E-18 2.00E-18 2.00E-19 2.0	Benzaldehyde		1.02E-13		735	87E-1	76E-1	2.51E-20	3.17E-16	1.55E-
cochiazole (1961-12) 2.026-13 1.336-16 4.086-17 2.206-19 3.366-19 (2.516-2) 4.026-14	Benzehe		1.28E-15	NA TOT C	AN	NA .		AN	NA .	1.28E-
ontiazole (109E-12 5.28E-13 9.00E-17 3.3EE-19 0.0E-19 2.9EE-19 1.3EE-19 0.0E-19 2.9EE-19 0.0E-19 2.9EE-19 0.0E-19 2.9EE-19 0.0EE-19 0.0EE-	Benzuic Acid		4.93E-15	1 0/E-13	1.53E-16	4.80E-17		5.55E-19	1.546-15	(.//E-
orth asole 4.66=16 1.67E-16 6.33E-20 2.22E-20 8.00E-19 2.51E-24 1.46E-18 and the screen and the	Benzonitrile		1.09F-12	5 24E-13	0 00E-17	2 22E-10		2 00E-20	7 385-15	1 425
early (a) 498E-15 (b) 1.88E-15 (c) 1.78E-16	Benzothiazole		4.64E-16	1.67E-16	6.33E-20	2.23F-20	- ~	2.51F-24	1.44F-18	4.335-
2.276-16 1.18E-15 2.74E-14 3.08E-15 4.72E-19 3.25E-24 8.51E-19 and retrachloride 6.48E-15 8.73E-16 1.72E-19 3.08E-19 3.08E-19 3.08E-19 8.74E-16 1.72E-19 3.08E-19 3.08E-19 3.08E-19 8.74E-10 1.72E-19 3.08E-19 3.08E-19 3.08E-19 1.72E-19 3.08E-19 3.08E-19 3.08E-19 3.08E-19 1.72E-19 3.08E-19 1.72E-19 3.08E-19 1.72E-19 3.08E-19 1.72E-19 3.25E-29 1.08E-19 1.72E-19 1.7	Biphenyl		4.98E-13	N.	AN	NA NA	NA.	NA	NA N	4.98E-
Maintaine Carter	Bis(2-ethylhexyl,	phthalate	2.74E-16	1.18E-15	2.746-14	3.08E-15	.72E-1	3.25E-24	8.51E-19	3.19E-
Continued to the cont	Carbazole	7	2,23E-15	8.73E-16	1.72E-18	4.46E-19	.86E-1	3.31E-21	6.95E-18	3.12E-
Control of the cont	4-Chloroaniline	.ide	6.48E-15	A L	AN	X !	X S	NA C	¥ S	6.48E-
Control by Control Control by Control by Control by Control Control by Cont	Chlorobenzene		3.07E-16	NA NA	1.42E-20	- ISE-	NA NA	7.45E-22	NA.	1./UE-
Chlorobipheny	4-Chlorobiphenyl		3,15E-16	6.61E-17	5.27F-18	ADF.	5.44F-19	3.30F-22	ROH.	3,000
Trocklaine 1.13E-14 6.04E-15 8.67E-19 3.22E-19 1.95E-17 1.91E-23 3.51E-17	4,4-Chlorobipheny	₹	1.59E-17	2.69E-18	1.18E-18	49E	2.74E-20	5.716-24	4.93E-20	2.00E-
1.28E-15	Chloroethane		1.13E-14	6.04E-15	8.67E-19	.22E	1.95E-17	1.91E-23	3.51E-17	1.74E-
1.28E-15	Chlorotorm		5.51E-14	MA	ž	N.	NA	NA	¥.	5.51E-
1.26F-15	Dichlorohenzenes	(10404)	9.93E-15	.73E-	34E	-25E-	-71E-	-19E	- 66	1.28E-
Dichloroethane 3.66E-15 NA	1.4-Dichlorobe	(total)	8 08E-17	¥ S	Z 2	Z	Z Z	Z Z	Z =	1.28E-
Dichloroethane 1.14E-15 3.86E-15 8.69E-20 3.2E-20 1.97E-18 5.73E-23 3.56E-18	1,1-Dichloroethar	2 2	3.66F-15	4 2	Y Y	Y V	Z Z	Z 2	Z Z	2 66E
1,96E-15	1,2-Dichloroethar	9	1.146-15	-86E-	-969E-	-23E-	-97E-	73E-	.56E-	5.01E-
1,000 1,00	1,1-Dichloroether	ē	1.96E-15		¥	¥	N.	¥	Ä	1.96E-
thyldisulfide 1.35E-16	1,2-Dichloppener	ا يه	1.69E-15	AN:	AN:	Y.	N.	NA	NA	1.69E-
thyldisulfide 3.16-17 4.20e-10 3.42e-18 4.05e-19 1.95e-20 1.08e-24 3.52e-20 1.08e-24 3.52e-20 1.08e-24 3.52e-20 1.08e-24 3.52e-20 1.20e-13 3.87e-11 1.45e-08 3.31e-17 1.30e-17 6.68e-14 3.52e-20 1.20e-13 3.87e-11 1.45e-08 3.31e-17 1.30e-17 6.68e-14 3.52e-20 1.20e-13 1.52e-15 1.52e-15 1.93e-21 2.68e-20 0.00e+00 4.84e-20 1.52e-15 1.52e-15 1.93e-21 1.93e-21 2.68e-20 0.00e+00 4.84e-20 1.52e-15 1.51e-14 4.22e-20 1.64e-20 3.31e-18 0.00e+00 5.98e-18 1.74e-15 2.20e-19 7.82e-20 3.01e-18 2.71e-23 5.42e-18 1.74e-19 4.42e-20 3.01e-18 2.71e-23 5.42e-18 1.74e-19 1.06e-17 4.09e-18 2.34e-16 1.74e-19 3.86e-17 1.09e-19 1.24e-14 3.20e-14 1.51e-14 1.51e-14 1.51e-14 1.51e-14 1.66e-19 1.66e-10	Dieldrin	<u> </u>	1 125 12	A C	Z C		AN	¥ 5	Y E	7.25E-1
chlorobenzene 2.99e-14 1.18E-14 1.75E-15 2.24E-16 5.17E-17 4.30E-19 9.32E-17 1.30E-17 6.68E-14 3.52E-20 1.20E-13 1.30E-17 1.30E-17 6.68E-14 3.52E-20 1.20E-13 1.30E-17 1.30E-17 6.68E-14 3.52E-20 1.20E-13 1.30E-17 1.30E-18 1.30E-19 1.30E-1	Dimethyldisulfide		3 11F-15	NA NA	-47E	•	1.95E-20	בים בים בים	.725	4.45E-
azine	Hexachlorobenzene		2.99F-14	1 18F-14	1 755-15	7,5	5 17E-17	4 ZOE-10	0 32E-17	7. 386.
thion 1.55E-18 2.43E-18 4.11E-21 1.06E-21 9.08E-21 4.73E-26 1.64E-20 1.64E-20 1.06E-21 9.08E-21 1.06E-21 1.06E-31 1.06E-	Hydrazine		3.87E-11	1.45E-08	3.31E-17	30E-	6.68E-14	3.52E-20	1.20E-13	1.45E-
thion 1.55E-17 2.89E-18 NA NA NA NA NA NA NA NA NA N	Lindane		5.26E-18	2.43E-18	4.11E-21	.06E	9.08E-21	4.73E-26	1.64E-20	7.72E-1
Vi chloride 9.17E-15 NA	Malathion		1.55E-17	2.89E-18	6.52E-21	-93E-	2.68E-20	0.00E+00	-84E-	1.85E-1
Halene carbonitrile 1.22E-14 4.22E-20 1.64E-20 3.31E-18 0.00E+00 5.98E-18 1.74E-15 2.20E-19 7.82E-20 3.01E-18 2.71E-23 5.42E-18 1.74E-15 2.48E-15 7.42E-20 3.01E-18 2.71E-23 5.42E-18 1.22E-11 1.71E-09 1.04E-17 4.00E-18 2.71E-35 5.42E-18 2.01E-14 1.12E-3 5.80E-14 1.74E-19 1.09E-18 1.09E-19 1.	Methyl chloride		1.52E-15	N.	NA:	NA.	NA	NA.	NA	1.52E-
Tyle enny ketone 1,92E-15 1.51E-14 4,22E-20 1.64E-20 3.31E-18 0.00E+00 5.98E-18 1.4 thylphenol 1.74E-15 2.48E-15 2.20E-19 7.82E-20 3.01E-18 2.71E-23 5.42E-18 1.71E-09 1.04E-17 4.09E-18 2.11E-14 1.12E-20 3.80E-14 1.34E-19 2.06E-16 1.74E-19 4.42E-20 3.55E-19 1.48E-19 6.40E-19 1.09E-12 1.09E-12 2.34E-16 1.88E-15 3.42E-18 3.38E-15 1.09E-12 1.09E-19 4.24E-20 2.14E-17 0.00E+00 3.86E-17 2.00E+00 3.86E-17 3.00E+00 3.86E-17 2.00E+00 3.86E-17 2.00E-19 3.00E-19 3.00E-1	Methylene chlorid	o i	9.1/E-14	Y.	NA.	¥.	NA	AN	Š	9.17E-
thy phrane. 1.74E-13	/-Methyl ethyl Keto	ne	92E-1	-51E	-22E-	-64E-	3.31E-18	0.00E+00	-98E-	1.71E-1
the construction of the co	Monomethy! bydes	ino	ביים ביים ביים ביים	-48E-	ZUE-	-82E-	3.01E-18	2.71E-25	42E	4.24E-
thalene carbonitrile 1.09E-12 6.09E-13 9.20E-16 2.34E-16 1.88E-15 3.42E-18 3.38E-15 1.00E-19 1.00E-10	Naphthalene	ַב	- 277	156	7/5	20.	Z. 11E-14	1.125-20	ממני	7.72E-(
trosodimethylamine 1.24E-14 3.72E-12 1.09E-19 4.24E-20 2.14E-17 0.00E+00 3.86E-17 3.enaphthalene 4.95E-14 3.20E-14 1.51E-16 2.89E-17 8.54E-17 1.05E-19 1.54E-16 8	Naphthalene carbo	nitrilo	700	200	300	7/5	1 995 15	7 /3r 19	405	3.22E-
canaphthalene 4.95E-14 3.20E-14 1.51E-16 2.89E-17 8.54E-17 1.05E-19 1.54E-16	n-Nitrosodimethyl	amine	24E-1	72E-1	.09E	24E-	2,14E-17	0,00E+00	.36E-	3.73E-1
ne 4.95E-14 3.20E-14 1.51E-16 2.89E-17 8.54E-17 1.05E-19 1.54E-16	PAHS									
	Acenaphthalene		4.95E-14	.20E-1	.51	89E-1	8.54E-17	1.05E-19	.54E-1	8.19E-1

Disputation Control	00	ပ	AD TARIF 3	AE	AF	AG	АН	AI	AJ	AK
## Size 1.00		Chrysene	9.93E-15	1.95E-15	1.19E-15	1.46E-16	1.71E-17	3.55E-19	3.09E-17	1.33E-14
matthrene 9.35E-14 3.37E-14 3.37E-14 2.37E-17 2.29E-18 1.77E-17 2.29E-19 1.20E-17 2.29E-19 1.20E-19 2.39E-17 1.06E-17 2.29E-19 1.27E-17 2.32E-19 1.27E-17 2.32E-19 1.27E-17 2.32E-19 1.27E-17 2.32E-19 1.20E-19 1.		Dibenzo(a,h)anthracene	9.93E-14	7.36E-15	5.946-14	6.91E-15	1.71E-16	7.95E-17	3.09E-16	1.74E-13
nantherine 9,387=7 5,28E=7 9,58E=7 7,52E=9 1,01E=9 1,02E=9 1,09E=17 9,08E=17 9,08E=18 9,08E=1		Fluoranthene	9.93E-14	3.37E-14	3.33E-15	4.46E-16	1.71E-16	NA AN	3.09E-16	1.37E-13
manthrene 1.95E-17 5.2EE-19 5.1EE-20 6.6EE-20 1.00E-19 1.2DE-19 1.0DE-19 1.		Fluorene	9.93E-15	3.94E-15	5.59E-17	9.50E-18	1.71E-17	2.92E-20	3.09E-17	1.40E-14
1.000		Phenanthrene	3.87E-17	1.16E-17	3.22E-19	5,12E-20	6.68E-20	1.01E-19	1.20E-19	5,10E-17
ion concerned 1.22E-17 7.6E-18 4.61E-20 3.7EE-20 3.7EE-20 7.66E-20 1.00eE-17 1.22E-14 8.86E-15 3.01E-16 4.6E-17 3.7EE-19 NA 6.07E-19 NA		Pyrene	1.99E-13	6.35E-14	6.10E-15	8.24E-16	3.43E-16	1.60E-18	6.18E-16	2.70E-13
hicrobenzene 1.22E-14 8.80E-15 3.01E-16 4.16E-17 2.11E-17 NA 3.80E-17 na 1.05E-16 1.05E-16 1.05E-19 NA 6.07E-19 NA 6.07E-19 NA 6.07E-19 NA 6.07E-19 NA 6.00E-17 na 1.05E-17 na 1.05E-18 na		Parathion	2.46E-17	7.62E-18	4.61E-20	9.78E-21	4.25E-20	3.17E-25	7.66E-20	3.24E-17
1.05E-16 6.55E-16 1.45E-20 5.40E-21 3.37E-19 NA 6.07E-19 Interpretation of the control of the c		Pentachlorobenzene	1.22E-14	8.80E-15	3.01E-16	4.16E-17	2.11E-17	AN	3.80E-17	2.14E-14
1.12E-14 1.12E-17		Phenol	1.95E-16	6.54E-16	1.45E-20	5.40E-21	3.37E-19	A.	6.07E-19	8.50F-16
1.12E-14 1.56E-18 5.50E-19 1.93E-17		Pyridine	1.09E-12	AN	N.	NA	AN	AN	N.	1.09E-12
10 10 10 10 10 10 10 10		Quinol ine	1.12E-14	1.12E-14	1.56E-18	5.50E-19	1.93E-17	6.35E-21	3.48E-17	2.24E-14
1.00 1.00		Tetrachlorobenzene	6.00E-15	9.74E-15	3.31E-17	5.64E-18	1.03E-17	N	1.87E-17	1.58E-14
3.34E-15 NA		Tetrachloroethene	2.09E-16	AN	AN	NA	NA	AN	N.	2.09E-16
acetate 2.23E-15		Toluene	3.34E-15	AN	NA	AN	AN	AN	NA	3.34E-15
Continue c		Trichlorobenzene	3.04E-15	5.67E-16	7.80E-18	1.54E-18		9.59E-21	9.45E-18	3.63E-15
dimethyl hydrazine 4.81E-11 8.68E-09 7.79E-17 3.05E-17 8.30E-17 4.39E-20 1.50E-19 2.12E-25 3.03E-19 1.38E-15 NA		Trichloroethene	2.23E-15	AN	AN	NA	NA	NA	NA.	2.23E-15
## Secrete		Unsym. dimethyl hydrazine	4.81E-11	8.68E-09	-36L	3.05E-17	8.30E-14	4.39E-20	1.50E-13	8.73E-09
acetate 1.38E-15 NA		Vapona	9.73E-17	5.38E-17	-36Z	2.53E-21	1-68E-19	2.12E-25	3.03E-19	1.52E-16
s (total) 2.38E-15 NA NA NA NA NA NA NA NA NA N		Vinyl acetate	1.38E-15	AN	AN	AN	AN	AN	A.	1.38E-15
s (total) 2.38E-16 NA		Vinyl chloride	1.28E~15	AN	AN	NA	NA	W	AN	1.28E-15
1.48E-12 6.14E-14 2.44E-13 2.99E-15 2.55E-15 4.89E-15 4.60E-16 1.08E-14 6.16E-16 3.61E-16 1.01E-17 1.86E-17 NA		Xylenes (total)	2.38E-16	AN	NA	AN	NA	AN	NA	2.38E-16
1.48E-12 6.14E-14 2.44E-13 2.99E-15 4.89E-15 4.60E-16 1.08E-14 6.16E-16 3.61E-16 1.01E-17 1.86E-17 NA 3.36E-18 1.08E-14 NA	Z	ORGANICS								
ium (VI) 1.08E-14 6.16E-16 3.61E-16 1.01E-17 1.86E-17 NA 3.36E-18 NA		Arsenic	1 485-12	A 14E-14	2 44E-13	2 00F-15	2 555-15	A ROF - 15	A 405-14	1 705.12
itim (III)		Cachrium	1 085-14	6 16E-16	2 K1E-1K	1 016-17	1 845.17	NA C	2 26E-10	1 105-16
ifum (VI) 1.54E-15 NA		Chromium (111)	4.38F-14	NA	NA	NA	NA	4	2000	785-14
1.10E-13 NA			1.54F-15	V.	V AN	44	NA.	V V	V .	1 5/E-15
3.37E-09 NA			1,10F-13	AM	NA N	NA N	42	17		1 125-12
5.68E-14 NA		Iron	3 37F-00	MA	V.V	NA.	NA.	2		2 275-00
ILY 7.04E-14 4.44E-15 1.01E-15 3.74E-14 1.22E-16 NA 2.19E-17 1.04E-17 1.04E-15 1.01E-15 3.74E-14 1.22E-16 NA		Lead	5-68F-14	AM	NA NA	NA N	47	2		5 48E-1/
itum 1.82E-13 NA		Mercury	7 - 170 Z		1 015-15			4	2 105-17	1 125-17
1.13E-15 NA NA NA NA NA NA NA 4.98E-15 NA 4.98E-15 NA NA NA 2.59E-15 NA 2.59E-		Selenium	1.87E-13		NA			V V	NA NA	1 825-12
4.98E-13 NA NA 2.59E-15 NA P.		Silver	1, 13F-15	AN AN	Z AN	AN AN	NA.	N N	Z 7	1 125-15
20 M3/day 70 Kg 365 day/yr 365000 (1000 ug/mg)*(365 day/yr)		Zinc	4.98E-13	AN AN	N.	Ä	X	2.59E-15	Ž	5.01E-13
20 70 365 365000										
365000			ŗ		3/day					
365000					2 444					
4			cf ef		ay/yr 1000 ug/mg)*(2	(65 day/yr)				

### SENSITULITY CASE 19-Aur. 7 PURALATION VEGETABLE MILK BREF SOLL/DUST CRESSURE CONSUME CONSUME											
18_144-99		ENSITIVITY CASE	_	TOTAL	•	RAGE					
One contrict by \$92E-15 MA	, a r a e 5	5 1.	3-Jun-91 16:44:49 FARM	INHALATION EXPOSURE (mg/Kg/day)	VEGETABLE EXPOSURE (mg/Kg/day)	MILK EXPOSURE (mg/Kg/day)	BEEF EXPOSURE (mg/Kg/day)	SOIL/DUST EXPOSURE (mg/Kg/day)	FISH CONSUMPTION (mg/Kg/day)	DERMAL EXPOSURE (mg/Kg/day)	TOTAL (mg/Kg/day)
Maintaine Main	ORGAN	SOI									
tion time a 3.25E-19 3.52E-19 3.59E-19 0.48E-20 2.08E-14 1.75E-29 3.25E-19 3.59E-19 0.48E-20 0.34E-17 3.25E-19 3.59E-19 0.48E-20 0.34E-17 3.25E-19 3.59E-19 0.48E-20 0.34E-17 3.25E-19 3.59E-19 0.24E-17 0.00E-00 7.22E-19 3.25E-19 3.59E-19 0.34E-17 0.00E-00 7.22E-19 3.25E-19 3.59E-19 0.34E-17 0.00E-00 7.22E-19 0.00E-17 0.00E-00 7.22E-19 0.00E-17 0.00E-00 7.22E-19 0.00E-17 0.00E-17 0.00E-10 7.25E-19 0.00E-17 0.00E-19 0.25E-19 0.00E-17 0.00E-19 0.00E-17 0.00E-17 0.00E-17 0.00E-19 0.00E-17	K •	cetone		9.92E-15	AN	NA	NA.	NA	NA	N.	9.92E-
title title to the control of the co	₹ €	cetonitrile		3 82F-12	- 32t-	Z. /4E-16	-04E-	6.17E-14	1.75E-20	-08E-	1.41E-
trie 3.05E-13 4.11E-13 5.10E-19 2.12E-17 0.00E-19 0.17E-19 0.00E-19 0.17E-19 0.00E-19 0.17E-19 0.00E-19 0.17E-19 0.00E-19 0.17E-19 0.00E-19 0.00E-1	×	ldrin		1.39E-17		5.52E-18	.59E-1	9-48E-20	6.34F-27	23E	3.02E-
statione 3.12E-15 1.72E-15 1.72E-15 1.72E-16 1.72E-16 7.72E-16 7.72E-17 7.72E-17 7.72E-16 7.72E-16 7.72E-17 7.72E-16 7.72E-16 7.72E-16 7.72E-16 7.72E-17 7.72E-17 7.72E-17 7.72E-16 7.72E-16 7.72E-16 7.72E-16 7.72E-17 7.72E-16 7.72E-17 7.72E-17 7.72E-17 7.72E-18 7.72E-17 7.72E-18	K	niline		5.05E-13		5.11E-17	.65E-1	3.43E-15	5.27E-19	17E-	9-20E-
and convotes 2.36E-13 1.02E-13 4.08E-17 6.91E-18 1.56E-15 5.67E-20 5.33E-16 of the following confirming 2.99E-15 1.02E-12 5.02E-15 6.29E-15 7.02E-16 7.98E-17 6.90E-15 7.02E-16 7.98E-17 7.02E-16 7.98E-17 7.02E-16 7.98E-17 7.02E-19 7.02E-1	≪ (trazine		3.12E-15		1.78E-18	.00E-1	2.12E-17	.0.00E+00	-22E-	4.67E-
oritrate circle is 5.50E-13 5.34E-16 1.00E-16 7.66E-15 1.2E-18 2.59E-17 contrained to the circle is 5.50E-13 5.50E-17 4.50E-16 7.66E-16 7.66E-16 7.56E-16 7.56E-17 7.56E-18 7.56E-18 7.56E-18 7.56E-18 7.56E-18 7.56E-18 7.56E-19 7.56E-18 7.56E-19 7.	ממ	enzaldenyde		2.30E-13		4.08E-17	.91E-1	1.56E-15	-67E-	33E-	3.34E-
oth fact of the fa	o cc	Physican		1 125-12	S SOE.	A 2/E-14	1 0KE-14		AN JELL TO	Z Z	2.89E-
orthizote city of the control of the	m	anzoic Acid		1 135-13	3 67F-	2 02F-17	01-200-1 01-350-7	7 465-15	7.045-20	275	180
octi azole (1055-15 3.13E-16 3.11E-19 5.26E-20 7.12E-18 5.67E-24 2.45E-18 2.47E-18 2	ď	enzonitrile		2.46E-12	1.02F	4.725-16	7. 98F-17	1 67E-14	4.70E-20	-01E	- 20CE
## and the control of	ã	enzothiazole		1.05E-15	3.13E-	3.11E-19	5.26E-20	7.12E-18	5.67E-24	43F	1375
2ethylhavyl)phthalate 6.18E-16 1.66E-15 5.28E-18 8.79E-19 3.43E-17 7.46E-21 1.17E-17 con lettrachloride 5.05E-15 1.66E-15 5.28E-18 8.79E-19 3.43E-17 7.46E-21 1.17E-17 con lettrachloride 5.05E-15 1.66E-15 5.28E-18 8.79E-19 3.43E-17 7.46E-21 1.17E-17 1.00E-19 1.20E-21 1.07E-19 1.20E-21 1.00E-19 1.20E-21 1.20	œ	iphenyl		1.13E-12	AN	NA	NA.	NA		X.	1.13E
arota e	80	is(2-ethylhexyl)phth	alate	6.18E-16	2.47E-	4.64E-15	.39E-	4.20E-18	.34E-	1.43E-18	7.97E
Occasionation	ပ် (arbazole		5.05E-15	1.66E-	5.28E-18	.79E-1	3.43E-17	-46E-	1.17E-17	6.76E
Octobersene	٠,	arbon letrachloride		1.46E-14	AN	NA .	NA.		N.		1.46E
Control plant Cont	4 C	- Chioropaniine		2.89E-16	7.55E-	7.21E-20	1.22E-20		-13E-	-969E-	3.67E
Citionobiplany (1.526-17) (1.526-18) (1.526-	9	Chlorobinhenvi		7 125.16	1 12E-1	NA 225-18	AN C	Y Z	AN L	Şį	6.94E
rocthane croftware croftware continued by the continued b	4	4-Chlorobiphenvi		3.58F-17	4 37F-	5 20F-10	6 575-20	7,4E	200	205	8.36E
1.24E-13 1.24E-14 1.24E-15 1.51E-17 1.53E-16 1.53E-16 1.54E-20 1.50E-17 1.53E-16 1.53E-16 1.54E-20 1.50E-17 1.53E-16 1.53E-17 1.53E-16 1.53E-17	ਹ	loroethane		2.55E-14	1.18E-	4.58E-18	7.74E-19	74E	32E-	915	7 75E-
Continuence	5	loroform		1.24E-13	NA		X		N.	X	1.24E-
1-0robenzenes (total) 2.88E-15 NA	۵	ibenzofuran		2.24E-14	4.94E-1		.85E-	.53E	-94E-	20E	2.76E-
1.83E-16	0	ichlorobenzenes (tota	al)	2.89E-15		NA.	AN	NA	AN	NA	2.89E-
1.26E-15	*	1,4-Dichlorobenzen	a	1.83E-16		NA.	Z X	AN	A A	NA	1.83E-
Dichlorocetrane		1-Dichloroethane		8.26E-15	AN	¥	X		¥	X	8.26E-
Dichloroptimene 3.88E-15 NA		1-Dichlorocthane		7.58E-15	8.096-	4.59E-19	. (6E		-29E	-38	1.07E-
Name	- ~-	2-Dichloroethone		4.42E-13		Z :	Z =	¥ :	Z.	NA:	4.42E-
thyldisulfide 2.56=-17 9.06=-16 9.87=-19 1.74=-19 2.44=-24 5.93=-20 thyldisulfide 2.56=-17 9.06=-16 9.87=-19 1.74=-19 2.44=-24 5.93=-20 thyldisulfide 2.25=-14 8.40=-16 1.09=-16 4.60=-16 9.71=-19 1.57=-16 azine 6.76=-14 2.25=-14 8.40=-16 1.09=-16 4.60=-16 9.71=-19 1.57=-16 azine 7.03=-15 1.99=-17 4.09=-16 4.60=-10 2.09=-21 8.09=-20 1.07=-25 2.75=-20 thine 3.43=-17 4.88=-16 2.47=-20 2.09=-21 8.09=-20 1.07=-25 2.75=-20 thine 3.43=-17 4.88=-14 2.36=-19 4.00=-20 2.95=-17 0.00=+00 1.00=-17 thyldian		2-Dichloropropage		1 4/5-15		ď v	Z	Z S	Z :	AN:	3.83E-
thy(disulfide 7.03E-17 7.09E-16 4.60E-16 9.71E-19 1.57E-16 2.03E-13 7.09E-17 7.00E+00 8.13E-20 7.75E-17 7.09E-17 7.09E-17 7.00E+00 8.13E-20 7.75E-17 7.09E-17 7.09E-17 7.00E+00 1.00E-17 7.00E+00 1.00E-17 7.00E+17 7.00E+17 7.00E+17 7.00E+17 7.00E+17 7.00E+17 7.00E+17 7.00E+17 7.00E+18 7.00E+17 7.00E+1	- 6	eldrin		2 54E-17	0 0KE-	0 875-10	1 005-10	1 7/E-10		NA C	1.04E-
chiorobenzene 6.76E-14 2.25E-14 8.40E-16 1.09E-16 4.60E-16 9.71E-19 1.57E-16 azine 8.74E-11 3.06E-08 1.88E-16 3.19E-17 5.94E-13 7.96E-20 2.02E-13 ane 1.19E-17 4.70E-18 1.26E-20 2.09E-21 8.09E-20 1.07E-25 2.75E-20 thion 3.51E-17 4.80E-18 2.47E-20 4.14E-21 2.39E-19 0.00E+00 8.13E-20 thion 8.51E-17 4.80E-18 2.47E-20 4.14E-21 2.39E-19 0.00E+00 8.13E-20 thion 8.54E-15 3.18E-14 2.36E-19 4.00E-20 2.95E-17 0.00E+00 1.00E-17 1.87E-13 3.94E-15 5.11E-15 1.09E-18 1.85E-19 2.68E-17 6.13E-23 9.12E-18 1.85E-19 2.68E-17 6.13E-23 9.12E-18 1.85E-19 2.68E-17 1.67E-18 3.35E-19 1.08E-18 1.64E-16 2.73E-15 4.54E-16 1.67E-14 7.72E-18 5.69E-15 1.00E-17 1.04E-19 1.91E-18 1.05E-19 1.04E-19 1.91E-18 2.86E-17 2.72E-18 2.73E-19 1.04E-19 1.91E-18 2.73E-19 2.73E-19 2.73E-19 2.73E-19 2.75E-17 7.60E-16 2.37E-19 2.73E-19 2.75E-17 7.60E-16 2.37E-19 2.75E-17 7.60E-16 2.37E-19 2.75E-19 2.75E-14 2.75E-14 3.75E-19 1.04E-19 1.91E-16 0.00E+00 0.00E+	Ö	methyldisulfide		7.03E-15	NA NA	NA NA	NA IN	NA NA		NA NA	7 025
azine	HE	xachlorobenzene		6.76E-14	2		1.09F-16	4 ANF-16	715-	575	0 145
ane this are the control of the cont	÷	drazine		8.74E-11	M	1,88E-16	3,19E-17	5.94E-13	7.96E-20	120	3 07E-
thion 3.51E-17 4.80E-18 2.47E-20 4.14E-21 2.39E-19 0.00E+00 8.13E-20 4.14E-21 2.39E-19 0.00E+00 8.13E-20 4.14E-21 2.39E-19 0.00E+00 8.13E-20 4.14E-21 2.36E-19 0.00E+00 8.13E-20 8.13E-20 6.10E-17 6.13E-21 6.13E-21 6.13E-21 6.13E-21 6.13E-21 6.13E-21 6.13E-18 6.13E-18 6.13E-18 6.13E-18 6.13E-18 6.13E-18 6.13E-18 6.13E-19 6.13E-18 6.13E-	7	ndane		1.19E-17	4	1.26E-20	2.09E-21	8.09E-20	1.07E-25	.75E-	1.67E-
VI chloride 3.43E-15 NA	Œ	lathion		3.51E-17	4	2.47E-20	4.14E-21	2.39E-19	0.00E+00	.13E-	4.03E-
Viene chloride 2.07E-13 NA	Me	thyl chloride		3,43E-15		NA	NA	N	NA	NA	3.43E-
/I ethyl ketone 4.34E-15 3.18E-14 2.36E-19 4.00E-20 2.95E-17 0.00E+00 1.00E-17 Ithylphenol 3.94E-15 5.11E-15 1.09E-18 1.85E-19 2.68E-17 6.13E-23 9.12E-18 nethyl hydrazine 2.75E-11 3.59E-09 5.94E-17 1.01E-17 1.87E-13 2.52E-20 6.38E-14 thalene 4.64E-16 2.77E-16 5.17E-19 8.58E-20 3.45E-19 1.08E-18 thalene carbonitrile 2.46E-12 1.20E-12 2.73E-15 4.54E-16 1.67E-14 7.72E-18 5.69E-15 trosodimethylamine 2.80E-14 7.87E-12 6.15E-19 1.04E-19 1.91E-16 0.00E+00 6.49E-17 enaphthalene 1.12E-13 6.36E-14 2.60E-16 4.20E-17 7.60E-16 0.00E+00 2.59E-16	Me	thylene chloride		2.07E-13			NA	NA	NA	X.	2.07E-
firstly phenol 3.94E-15 5.11E-15 1.09E-18 1.85E-19 2.68E-17 6.13E-23 9.12E-18 methyl hydrazine 2.75E-11 3.59E-09 5.94E-17 1.01E-17 1.87E-13 2.52E-20 6.38E-14 thalene 4.64E-16 2.77E-16 5.77E-16 5.77E-19 4.54E-16 1.67E-14 7.72E-18 5.69E-15 trosodimethylamine 2.80E-14 7.87E-12 6.15E-19 1.04E-19 1.91E-16 0.00E+00 6.49E-17 cenaphthalene 1.12E-13 6.36E-14 2.60E-16 4.20E-17 7.60E-16 2.37E-19 2.59E-16 cenaphthalene 1.12E-13 2.72E-14 2.20E-17 7.60E-16 0.00E+00 2.59E-16	æ	thyl ethyl ketone		4.34E-15	M	.36E-1	-900	2.95E-17	0.00E+00		3.62E-
hethyl hydrazine 2.75E-11 3.59E-09 5.94E-17 1.01E-17 1.87E-13 2.52E-20 6.38E-14 thalene 4.64E-16 2.27E-16 5.17E-19 8.58E-20 3.16E-18 3.35E-19 1.08E-18 thalene carbonitrile 2.46E-12 1.20E-12 2.73E-15 4.54E-16 1.67E-14 7.72E-18 5.69E-15 trosodimethylamine 2.80E-14 7.87E-12 6.15E-19 1.04E-19 1.91E-16 0.00E+00 6.49E-17 2.enaphthalene 1.12E-13 6.36E-14 2.60E-16 4.20E-17 7.60E-16 2.37E-19 2.59E-16 2.50E-16 2.37E-19 2.59E-16 2.50E-16 2.37E-19 2.59E-16 2.50E-16 2.50	4 :	Methylphenol		3.94E-15	'n	.09E-1	85E-	2.68E-17	6.13E-23		9.08E-
thalene carbonitrile 2.2/E-16 5.17E-19 8.58E-20 3.16E-18 3.35E-19 1.08E-18 thalene carbonitrile 2.46E-12 1.20E-12 2.73E-15 4.54E-16 1.67E-14 7.72E-18 5.69E-15 trosodimethylamine 2.80E-14 7.87E-12 6.15E-19 1.04E-19 1.91E-16 0.00E+00 6.49E-17 canaphthalene 1.12E-13 6.36E-14 2.60E-16 4.20E-17 7.60E-16 2.37E-19 2.59E-16 canaphthalene 1.12E-13 2.72E-14 2.50E-16 3.67E-17 7.60E-16 0.18E-20 2.59E-16 canaphthalene	E	nomethy! hydrazine		2.75E-11	3.59E-09	-94E-1	01E-	1.87E-13	2.52E-20		3.62E-
tratene carbonitrile 2.46E-12 1.20E-12 2.75E-15 4.54E-16 1.67E-14 7.72E-18 5.69E-15	2 2	phthalene		4.64E-16	2.27E-16	176-1	58E-	3.16E-18	3.35E-19		-396°9
crossdimetry damine 2.50E-14 7.07E-12 0.10E-19 1.91E-10 0.00E+00 6.49E-17 canaphthalene 1.12E-13 6.36E-14 2.60E-16 4.20E-17 7.60E-16 2.37E-19 2.59E-16 enabhthalene 1.12E-13 2.72E-14 2.29E-16 3.62E-17 7.60E-16 0.18E-20 2.50E-14	Z	potnatene carbonitri Nitrocodimothylemine	ıle ,	2.46E-12	1.20E-12	-73E-1	54E-		7.72E-18		3.68E-
senaphthalene 1.12E-13 6.36E-14 2.60E-16 4.20E-17 7.60E-16 2.37E-19 2.59E-16 enaphthene 1.12E-13 2.72E-14 2.29E-16 3.67E-17 7.60E-14 9.18E-20 2.59E-14	PA	Rich osogninistiny taminis Hs	b	41 - 300 - 7	71-3/0"/	. 126.	14E	1.71E-10	0.00E+00		
1,12E-13 2,72E-14 2,22E-16 3,67E-17 7,61E-14 0,18E-20 2,50E-14		Acenaphthalene		1.12E-13	6.36E-14	2.60E-16	4.20F-17	7-60F-16	2 37F-10	2 505.16	1 775-12
07-101-10		Arenaphthene		1 125-13	2 725.17	2 225 44	7 707 77	100	1000	6.37E-10	-1/1

12.26E-14 3.30E-15 4.45E-16 5.26E-17 1.53E-16 8.01E-19 5.20E-17 2.24E-13 6.31E-17 1.53E-16 1.53E-16 1.70E-16 5.20E-16 2.24E-13 6.31E-17 1.53E-16 1.53E-16 1.53E-16 1.09E-16 5.20E-16 2.24E-13 6.31E-17 1.53E-16 6.60E-20 5.20E-19 2.22E-19 2.		U		AO	AP	AQ	AR	AS	AT	AU
Characteristic Char			TABLE 4							
Fluoranties 2.242-13 7.225-15 1.536-16 1.535-15 1.795-16 5.200-16 Fluoranties 2.245-14 7.526-15 7.526-16 1.536-16 1		Chrysene	2.24E-14	3.30E-15	4.45E-16	5.26E-17	1.53E-16		5.20F-17	2 64F-14
Fluorentherie 2.24-13 5.316-17 1376-17 1356-17 1576-19 5.006-19 Peranthrene 8.746-17 5.26-17 1526-17 1526-19 5.006-19 Peranthrene 8.746-17 5.26-17 1526-19 5.006-19 5.006-19 Peranthrene 8.746-17 5.26-17 1526-19 5.006-19		Dibenzo(a,h)anthracene	2.24E-13	7.23E-15	1-48F-14	1 335-15	1 536-15		5 20E-16	2 SOE 12
Figure 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Fluoranthana	2 2/E-12	4 315-1/	1 005-15	2 7KE-14	4 525 45		2.202.7	2000
Premarch tene		1010101	2 2/5-17	7 525.15	7 20E 47	457 47	27. 17. 17	NA Y	3.20E-10	C1-326-7
Pyrene		200000	47 174 0	2 275	1 -300-1	1.30.1	1.325-10	0.0UE-2U	2.4UE-11	3.UZE-14
Present Control of the control of th		Prienanthrene	8./4E-1/	71-apl-7	5.52E-19	5.4ZE-20	5.94E-19	2.27E-19	2.02E-19	1.10E-16
Parathion 2.75E-14 1.76E-14 2.91E-20 1.20E-19	^	Pyrene	4.49E-13	1.18E-13	3.77E-15	5.27E-16	3.05E-15	3.62E-18	1.04E-15	5.75E-13
Pentachlorobenzene 2.75E-14 1.76E-14 2.04E-16 2.91E-17 187E-16 MA 1.02E-18 Pentachlorobenzene 2.75E-14 1.76E-14 2.04E-16 2.91E-17 MA 1.02E-18 MA 1.02E-18 Pentachlorobenzene 2.64E-12 MA 1.27E-18 1.29E-18 1.77E-18 1.74E-20 5.86E-17 I.29E-18 1.77E-18 1.76E-18 1.77E-18 1.76E-18 1.77E-18 1.76E-18 1.77E-18 1.76E-18 1.77E-18 1.76E-18 1.76E-1		Parathion	5.56E-17	1.41E-17	9.87E-20	1.61E-20	3.78F-19	7 175-25	1 205-10	7 NZE-17
Phenot to the control of the control	_	Pentachlorobenzene	2.75E-14	1.76E-14	2.04F-16	2 OTF-17	1 87E-16	1 47	4 285-17	, 57E-1/
Pyridine 2.46E-12	_	Phenol	415-16	1 375-15	7 485.20	1 205 20	200		2000.0	1 1 1 1
Comparison		0	200	1	700.	ייים מרייו	3.00-10	A.	1.0ZE-18	
October 1.25E-14 2.27E-14 7.66E-18 1.22E-16 1.43E-17 1.43E-18 1.43E-17 1.43E-18 1.43E-17 1.43E-18 1.43E-17 1.43E-18 1.43E-17 1.43E-18 1.43E-18 1.43E-18 1.43E-17 1.43E-18		ryi iqine	2.40E-12	¥	ž	A.	NA	Ä	×	
Tetrachlorobenzene 1.35E-14 2.01E-14 4.36E-17 6.86E-18 9.21E-17 NA		Quinoline	2.53E-14	2.27E-14	-999.	1.29E-18	1.72E-16	- 357	5 85F-17	
Trichloroethene 4,78±-16 MA MA MA MA NA NA MA NA MA NA NA MA NA NA MA NA		Tetrachlorobenzene	1.35E-14	2.01E-14	-36E-	6.86F-18	0 21E-17	4	1/E-1	ZOE.
Tricklorobenzene 6.856-15 9.441-16 1.45e-17 2.35e-18 4.66e-17 2.17e-20 1.59e-17 1.61cnobenzene 6.85e-15 9.441-16 1.45e-18 4.66e-17 2.17e-20 1.59e-17 1.45e-18 4.65e-17 2.35e-18 1.65e-18 1.65e-17 2.36e-18 4.65e-17 2.36e-17 2.36e-18 1.69e-19 1.69e-1		Tetrachloroethene	4 73F-16	NA	NA	VI	N.A.	41		11
Trichlorobenzene 6.36E-15 9.44E-16 1.45E-17 2.35E-18 4.66E-17 1.59E-17 1.59E-17 1.59E-17 1.59E-17 1.59E-18 1.46E-17 1.59E-17 1.59E-17 1.59E-18 1.46E-17 1.59E-17 1.59		Tollion	7 1/1 7				¥ .	Y.	Y.	135
Tricklioproperate		all a local e	(-346-15	ZX.	Ž	Š		NA A	XX	24E-
Trick Loroethene 5.05E-15 NA		Trichlorobenzene	6.86E-15	-44E-	-45E-	.35E-	-999.	17E-	50F-	RRF.
Unsym. dimethyl hydrazine 1.09E-10 1.83E-08 4.43E-16 7.51E-17 7.39E-13 9.92E-20 2.52E-13 Vipyl acetate 2.20E-16 1.05E-16 3.61E-20 6.11E-21 1.49E-18 4.78E-25 5.09E-19 Vinyl acetate 3.12E-15 NA		Trichloroethene	5.05E-15	A.	NA.	AN		NA	MA	056
Vepona Vepona Carlo Carl		Unsym, dimethyl hydrazine	1 005-10	275	1.7E		202		5 1	1 1
Viryl seetate 5.12e-19 1.05-10 5.01e-20 1.149-18 4.78E-25 5.09e-19 1.09-10 1.0		Vapono	2 205 26	200	147		3,0	725	375	משבי
Vinyl accepte 5.18F-15 NA		a police	2.20E-10	200	-016-		.49E	/8E-	-360	.27E-
Vinyl chloride 2.896-15 NA		Vinyt acetate	3.12E-15	A	Y.	N	Ā	A	AN	-12E-
s (total) 5.38E-16 NA	•	Vinyl chloride	2.89E-15	A.A.	NA	AN	AN	AA	AN	ROF.
3.346-12 5.08E-15 2.63E-13 1.49E-15 2.27E-14 1.10E-14 7.73E-16 2.44E-14 3.58E-16 6.86E-16 1.29E-17 1.66E-16 NA 5.65E-18 Um (VI) 3.48E-15 NA		Xylenes (total)	5.38E-16	AN	AN	AN	A	A	NA	38F
3.34E-12 5.08E-15 2.63E-13 1.49E-15 2.27E-14 1.10E-14 7.73E-16 2.44E-14 3.58E-16 6.86E-16 1.29E-17 1.66E-16 NA 5.65E-18 3.48E-14 NA										5
3.34E-12 5.08E-15 2.63E-13 1.49E-15 2.27E-14 1.10E-14 7.73E-16 3.44E-14 3.58E-16 6.86E-16 1.29E-17 1.66E-16 NA 5.65E-18 3.48E-14 NA		ORGANICS								
2.44E-14 3.58E-16 6.86E-16 1.29E-17 1.66E-16 NA		Arsenic	3.34E-12	.08E	2.63E-13	367	27	10F	7 735.16	Z 4/E.13
mm (VI) 9.88E-14 NA		Cadmium	2.44F-14	58F	A 86F-16	20E	44		E 45F 10	2 547 47
Chromium (VI) 3.48E-15 NA NA NA NA NA NA NA NA NA N			0 885-14	3	NA IS	1	•	**	01.075	7. 30E- 14
Control (VI)			7 / 05 65		¥ :	¥ :	¥.	NA.	A	7.88E-14
2.50E-13 NA		3	5.48E-15	N.	4	Ž	¥	AN	AN	3.48E-15
7.62E-09 NA		Copper	2.50E-13	NA	¥2	¥2	Ā	-949.	AN	2.52E-13
1.28E-13 NA		Iron	7.62E-09	¥	X	AN	A	Z	AN	7.62F-09
1.59e-13 3.09e-15 1.76e-15 5.70e-14 1.03e-15 NA 3.68e-17 A.10e-13 NA		Lead	1,28E-13	NA.	A.	AN	AN	AM	MA	1 28F-13
### 1.13E-13 NA		Mercury	1.59F-13	19F-1		70F	1 08E-15	VA.	405	2 225 12
2.55E-15 NA		Selenium	4. 10F-13	MA		NA	200		3	7 405 43
1.13E-12 NA		Silver	2 555-15	Y A			¥ .	¥:	Y.	4. IUE - 13
br 10 M3/day bw 15.5 Kg um 1000 ug/mg Inhalation dose = Cair *br/bw/uama		7.00	4471 43		¥ .	¥ :	¥:	Z.	NA	Z.32E-15
br 10 M3/day bw 15.5 Kg um 1000 ug/mg Inhalation dose = Cair *br/bw/ugmg		7	1.135-12	Ž	NA NA	A.	¥.	-84E-	A	1.13E-12
br 10 M3/day bw 15.5 Kg um 1000 ug/mg Inhalation dose = Cair *br/bw/ugmg										
br 10 M3/day bw 15.5 Kg um 1000 ug/mg Inhalation dose = Cair *br/bw/ugmg									•	
bw 15.5 Kg um 1000 ug/mg Inhalation dose = Cair *br/bw/uama			ď		/day					
um 1000 ug/mg Inhalation dose = Cair *br/bW/uama			3.0							
Inhalation dose = Cair *br/bW/uama			5		/ma					
Inhalation dose = Cair *br/bw/ugma										
Inhalation dose = Cair *br/bm/ugma										
			Inhalation dos	= Cair *br/	DMD11/mg					

Inhalation dose = Cair *br/bW/ugmg

The control of the	BEEF EXPOSURE (mg/Kg/day) NA 4.71E-17 NA 8.20E-18 3.38E-19 7.16E-18	SOIL/DUST EXPOSURE			
The color of the	BEEF XPOSURE g/Kg/day) NA 4.71E-17 NA 8.20E-18 3.38E-19 7.16E-18	SOIL/DUST EXPOSURE			
16:44:49 (mg/Kg/day) (mg	9/Kg/day) NA 4.71E-17 NA 8.20E-18 8.87E-18 3.38E-19 7.16E-18	1000	FISH	DERMAL	TOTAL
9.92E-15		(mg/Kg/day)	(mg/Kg/day)	(mg/Kg/day)	(mg/Kg/day)
9.92E-15 8.97F-12 8.97F-12 8.97F-12 8.86E-16 3.88E-13 1.38E-13 1.38E-13 2.30E-13 2.30E-13 2.30E-13 2.30E-13 2.30E-13 2.30E-13 2.30E-13 1.11E-13 2.30E-14 1.12E-12 2.30E-15 1.11E-13 2.30E-16 1.13E-12 1.11E-12 2.46E-15 1.13E-13 1.11E-12 2.46E-16 1.13E-17 1.14E-17 1.15E-18 1.15E-19 1.16E-17 1.15E-18 1.16E-17 1.16E-					
8.976-12 1.54E-10 2.80E-16 1.59E-17 1.67E-17 2.80E-16 2.05E-13 4.33E-13 5.37E-17 2.80E-16 2.30E-18 2.30E-13 1.11E-13 4.47E-17 2.80E-13 1.11E-12 5.94E-13 5.37E-17 2.80E-16 1.13E-12 1.11E-12 5.94E-13 3.52E-16 1.13E-12 1.11E-12 5.94E-18 3.52E-16 1.13E-12 1.13E-15 1.11E-12 5.20E-16 1.13E-12 1.11E-12 5.20E-16 1.13E-17 1.13E-17 1.11E-12 5.20E-16 1.13E-17 1.1		AN	X		9.92E-1
1.39E-17 7.48E-17 1.67E-16 5.05E-16 5.05E-17 7.48E-17 1.64E-15 2.50E-18 2.30E-17 1.11E-13 4.47E-17 2.30E-13 1.11E-13 4.47E-17 2.30E-13 1.11E-12 5.96E-13 3.52E-16 3.55E-19 1.13E-12 1.05E-15 3.52E-16 3.55E-19 1.05E-15 3.52E-16 3.55E-19 1.05E-15 3.52E-16 3.55E-19 1.05E-15 3.52E-16 3.65E-19 1.05E-15 3.52E-16 3.65E-19 1.05E-16 1.05E-17 3.52E-16 1.05E-18 1.05E-17 3.58E-17 5.60E-18 6.82E-18 2.55E-14 1.28E-14 5.01E-18 1.05E-19 1.05E-15 1.05E-19 1.05E-15 1.05E-19 1.00E-18 3.77E-20 3.57E-19 3.5		6.19E-14	1.75E-20	2.11E-14	1.43E-1
5.37E-17 5.30E-13 7.12E-15 7.46E-15 7.46E-15 7.46E-15 7.46E-17 7.12E-12 7.46E-17 7.12E-12 7.46E-17 7.12E-12 7.46E-17 7.12E-12 7.46E-17 7.46E-14 7.46E-17 8.26E-17 8.26E-17 8.26E-17 8.26E-19 8.2		¥,	NA	NA	3.82E-1
3.12e-15 1.64e-15 2.50e-18 2.30e-17 1.11e-13 4.47e-17 2.89e-15 1.11e-13 4.47e-17 2.89e-15 1.12e-12 5.94e-13 8.85e-16 1.12e-12 5.94e-13 8.85e-16 1.05e-15 5.52e-16 3.55e-16 1.05e-15 5.52e-16 3.52e-16 1.05e-15 5.52e-16 3.52e-16 1.05e-15 5.02e-16 1.05e-15 5.02e-16 1.05e-15 5.02e-16 1.05e-15 5.02e-16 1.05e-17 8.22e-20 6.94e-16 1.38e-15 5.02e-19 1.05e-16 1.03e-17 8.22e-20 6.94e-16 1.08e-17 8.22e-20 6.94e-16 1.08e-17 8.22e-18 2.55e-14 1.08e-17 1.03e-16 1.03e-19 1.0		7.62E-2U	6.54E-27	3.28E-20	2.65E-1
2.30E-13 1.11E-13 4.47E-17 2.89E-15		2 155.17	0 005+00	7 225-19	7.45E-1
2.89E-15		1.59E-15	5.67E-20	5.40E-16	3.43E-1
halate 6.18E-12 5.94E-13 8.85E-16 1.3E-13 4.09E-14 3.35E-17 2.46E-15 1.18E-13 3.52E-16 3.65E-19 1.13E-12 NA	W.	AN	NA	AN	2.89E-1
halate 6.18E-12 4.09E-14 5.35E-17 2.46E-12 1.11E-12 5.20E-16 1.05E-15 3.5EE-16 3.55E-19 1.13E-12 NA	-20E-	7.71E-15	1.25E-18	2.63E-15	1.72E-1
halate 6.18E-16 3.52E-16 3.62E-19 1.13E-12 NA	5.19E-18	.77E-		2.65E-16	1.55E-1
halate 6.18E-16 2.52E-15 1.58E-13 1.35E-15 1.58E-15 2.52E-15 1.58E-13 5.05E-16 6.00E-17 8.22E-20 6.94E-16 8.00E-17 8.22E-20 6.94E-16 8.00E-17 8.22E-20 6.94E-16 1.38E-16 3.04E-17 3.58E-16 1.38E-16 5.01E-18 1.22E-16 1.38E-16 5.01E-18 1.22E-16 1.38E-16 5.01E-18 1.22E-16 1.38E-16 1.38E	57E	7 72F 18	6.74E-19	5.77E-15	3.59E-1
halate 6.18E-16 2.52E-15 1.58E-13 1.46E-14 NA			.0	Z.40E-18	1.47E-1
1.46E-14 NA NA A 2.89E-16 5.05E-15 6.06E-17 8.22E-20 6.94E-16 NA	7.67E-15	76F-	7.34F-24	1 45F-18	1.13E-1
1.46E-14 NA NA C. 2.89E-20 G. 94E-16 G. 8.60E-17 G. 92EE-20 G. 94E-16 T. 8.60E-17 G. 92EE-20 G. 94E-16 T. 8.60E-18 G. 92E-17 G. 92E-16 T. 92E-19 NA NA T. 92E-15 NA NA NA T. 92E-15 NA NA NA T. 92E-15 NA NA NA T. 92E-16 T. 92E-17 T. 93E-12 T. 92E-12 T. 93E-12 T. 92E-15 T. 92E-15 T. 92E-16 T. 93E-12 T. 93E-12 T. 93E-15 T. 92E-17 T. 99E-12 T. 93E-12 T. 93E-15 T. 92E-19 T. 93E-12 T. 93E-15 T. 93E-1	1.11E-18	3.48E-17	7.46E-21	1.19E-17	6.95E-1
2.89E-16 8.60E-17 8.22E-20 6.94E-16 NA NA 7.12E-16 1.38E-16 5.00E-18 2.55E-17 5.60E-18 6.82E-18 2.55E-14 1.28E-14 5.01E-18 NA	ž	A	MA	NA	1.46E-1
Table 10 1.38E-16 3.08E-17 3.58E-16 3.08E-17 3.58E-16 5.00E-18 6.82E-18 2.55E-14 1.28E-14 5.01E-18 1.24E-13 1.24E-14 5.01E-18 1.24E-14 5.05E-19 1.24E-14 5.05E-19 1.24E-15 1.83E-15 1.93E-16 1.83E-15 1.83E-15 1.83E-15 1.84E-17 1.84E-18 2.37E-20 1.84E-17 1.84E-18 2.37E-20 1.84E-17 1.84E-19 1.84E-19 1.84E-19 1.87E-18 2.37E-19 1.87E-18 2.37E-19 1.87E-18 2.37E-19 1.87E-18 2.35E-15 1.27E-18 2.35E-15 1.30E-15 1.30E-15 1.30E-17 1.3	N.	1.99E-18	2.13E-21	6.79E-19	3.78E-16
3.58E-17 5.60E-18 6.82E-18 2.55E-14 1.28E-14 5.01E-18 NA	NA 100 1	Y Z	NA T	AN .	6.94E-16
2.55E-14 1.28E-14 5.01E-18 1.24E-13 NA NA 1.24E-14 5.75E-15 1.93E-16 2.24E-14 5.75E-15 1.93E-16 1.382E-15 NA NA 1.64E-15 NA NA 1.64E-16 1.98E-17 1.92E-17 9.20E-19 1.91E-16 1.19E-17 5.15E-18 2.37E-20 3.51E-17 5.15E-18 2.37E-20 3.51E-17 5.15E-18 2.37E-20 3.51E-17 5.15E-18 2.37E-20 3.51E-15 NA NA 2.07E-13 NA NA 2.07E-13 S.64E-19 6.03E-17 4.64E-16 2.46E-19 5.46E-16 1.30E-15 5.31E-15 1.30E-17 5.31E-15 1.30E-17 5.31E-15 2.75E-17 5.45E-16 1.00E-18 2.66E-12 1.30E-12 6.27E-19	3 71E-10	4.91E-18	1 205-22	1.67E-18	8.89E-16
1.24E-13 NA	8.03E-19	76E-	4-325-23	6.00F-17	4 .09E-11
tal) 2.24E-14 5.75E-15 1.93E-16 NA	NA	Z	NA		1.24E-13
1.83E-15	1.56E-17	1.55E-16	4.94E-20	5.27E-17	2.86E-14
8.26E-15 NA NA NA NA CASE-19 NA CASE-19 NA NA CASE-15 NA NA NA CASE-15 NA NA CASE-19 NA NA CASE-19 NA NA CASE-19 NA NA CASE-19 NA NA CASE-14 CASE-14 CASE-14 CASE-14 CASE-15 CASE-15 CASE-15 CASE-15 CASE-15 CASE-16 CASE-17 CASE-18 CASE-19 C	Y.	Y.	Y.	N.	2.89E-15
Dichloroethane 2.58E-15 8.29E-15 5.02E-19 Dichloroethane 4.42E-15 NA NA Dichloroethane 3.83E-15 NA NA Dichloroptopane 1.64E-15 NA NA Afrin 2.56E-17 9.20E-16 1.98E-17 Afrin 7.03E-15 NA NA Achlorobenzene 6.76E-14 2.50E-14 1.01E-14 Achlorobenzene 6.76E-14 3.11E-08 1.91E-16 Achlorobenzene 8.74E-11 3.11E-08 1.91E-16 Achlorobenzene 1.98E-17 NA NA Achlorobenzene 3.74E-11 3.71E-08 1.91E-16 Achlorobenzene 3.74E-11 3.71E-08 1.91E-16 Allerene 3.74E-11 3.74E-18 2.37E-20 Allerene 4.34E-15 3.24E-14 2.44E-19 Achloroethae 4.34E-15 3.24E-14 2.44E-19 Achloroethae 4.34E-15 3.54E-15 1.27E-18 Achloroethae 4.64E-16	4 4	Z Z	Z Z	Y :	1.83E-16
4.42E-15 NA NA NA 1.64E-15 NA 1.64E-15 NA NA 1.64E-15 NA NA NA 1.64E-15 NA NA NA 1.64E-15 NA NA 1.64E-15 NA 1.09E-17 NA 1.09E-17 NA 1.09E-17 NA 1.09E-18 2.37E-20 3.51E-17 6.01E-18 3.77E-20 3.43E-15 NA 1.09E-18 3.54E-19 5.31E-19	8.05E-20	1.78E-17	1.29F-22	6.07F-18	1 005-14
3.83E-15 NA NA NA L6E-15 NA L6E-15 NA L6E-15 NA L6E-17 O.0E-16 1.98E-17 T.03E-15 NA L6.76E-14 2.50E-14 1.01E-14 S.77E-20 3.51E-17 6.01E-18 3.77E-20 3.43E-15 NA NA L6.76E-15 3.94E-15 5.31E-15 1.27E-18 2.76E-19 5.31E-15 1.30E-15 5.31E-15 1.30E-12 6.27E-19		•	NA	X	4-42E-15
1.04E-15 NA 2.56E-17 7.03E-15 NA 6.76E-14 6.76E-14 6.76E-14 7.03E-15 NA NA NA 1.19E-17 7.05E-14 7.05E-14 8.74E-11 7.05E-14 8.74E-14 8.74E-16 8.74E-17 7.05E-18 8.77E-20 8.434E-15 8.24E-14 8.44E-19 8.3.94E-15 8.3.94E-15 8.3.94E-16 8.3.94E-16 8.3.94E-19 8.3.94E-19 8.3.94E-16 8.3.94E-17 8.3.94E-19 8.3.94E-19 8.3.94E-16 8.3.94E-19 8.	NA	AN	NA	NA	3.83E-15
7.03E-17 7.04E-10 1.98E-17 7.03E-17 NA	N.	Y.		NA	1.64E-15
bicrobenzene 6.76E-14 2.50E-14 1.01E-14 azine 8.74E-11 3.11E-08 1.91E-16 1.91E-16 1.91E-16 1.91E-16 1.91E-16 1.91E-16 1.91E-16 3.51E-17 5.15E-18 2.37E-20 3.43E-15 NA	1.01E-18	1.77E-19	2.44E-24	6.01E-20	9.66E-16
azine arbonitrile 2.37E-10 1.9E-16 1.91E-16 1.91	5 585-16		NA 0 717 40	AN TOT	7-05E-15
thion	3 24E-17		7 045-20	2 OFE-12	1.04E-15
thion 1. chloride 2. d. chloride 2. d. chloride 3. d. chloride 2. d. chloride 3. d. chloride 4. d. chloride 4. d. chloride 5. d. chloride 6. d. chloride 6. d. chloride 7. d. chloride 6. d. chloride 7. d. chloride 6. d. chloride 7. d. chloride 8. d. chloride 8. d. chloride 9. d. chloride 1. d. chlo	2.65F-21		1 075-25	2 705-20	1 725-17
/ chloride 3.43E-15 NA NA NA / Lene chloride 2.07E-13 NA NA NA / Lene chloride 2.07E-13 NA NA NA / Lene chloride 4.34E-15 3.24E-14 2.44E-19 / Litylphenol 3.94E-15 5.31E-15 1.27E-18 / Lethyl hydrazine 2.75E-11 3.64E-09 6.03E-17 / Lihalene carbonitrile 2.46E-12 1.30E-12 5.31E-15 / Lethylemine 2.80E-14 7.99E-12 6.27E-19	4.81E-21	2.42E-19	0-00E+00	8.25F-20	4 15F-17
/tene chloride 2.07E-13 NA NA NA NA (1 ethyl ketone 4.34E-15 3.24E-14 2.44E-19 (2.44E-19 4.34E-15 5.31E-15 1.27E-18 (2.45E-11 3.64E-09 6.03E-17 (1.41ene carbonitrile 2.46E-12 1.30E-12 5.31E-15 (2.65E-12 1.30E-12 5.31E-15 (2.65E-12 1.30E-12 6.27E-19 (2.66E-12 1.20E-12 6.27E-19 (2.66E-12 1.20E-12 6.27E-19 (2.66E-12 6.27E-19 (2.66E-12 1.20E-12 6.27E-19 (2.66E-12 6.27E-19 6.27E-19 (2.66E-12 6.27E-19 6.27E-19 (2.66E-12 6.27E-19 6.27E-19 6.27E-19 (2.66E-12 6.27E-19 6.27E-19 6.27E-19 6.27E-19 6.27E-19 (2.66E-12 6.27E-19	AN		AN	NA	51-327 E
// ethyl ketone 4.34E-15 3.24E-14 2.44E-19 // ihylphenol 3.94E-15 5.31E-15 1.27E-18 // insthyl hydrazine 2.75E-11 3.64E-09 6.03E-17 // ihalene carbonitrile 2.46E-12 1.30E-12 5.31E-15 // instene carbonitrile 2.46E-12 1.30E-12 6.27E-19 // irosodimethylamine 2.80E-14 7.99E-12 6.27E-19	NA	AN AN	A	A.	2.07E-13
inylphenol 5.94E-15 5.31E-15 1.27E-18 nethyl hydrazine 2.75E-11 3.64E-09 6.03E-17 nethyl hydrazine 2.75E-11 3.64E-09 6.03E-17 nethylemine 2.46E-12 1.30E-12 5.31E-15 nesodimethylemine 2.80E-14 7.99E-12 6.27E-19	4.08E-20	99E-1	0.00E+00	1.02E-17	3.68E-14
mernyl nydrazine 2.75E-11 3.64E-09 6.03E-17 1.41elene 4.64E-16 2.45E-16 1.00E-18 1.41elene carbonitrile 2.46E-12 1.30E-12 5.31E-15 1.00Sodimethylemine 2.80E-14 7.99E-12 6.27E-19	1.95E-19	72E-1	6.13E-23	9.25E-18	9.29E-15
.halene carbonitrile 2.46E-12 1.30E-12 5.31E-15 5.31E-15 5.31E-15 5.31E-15 5.31E-15 5.31E-15 5.31E-19 1	1.02E-17	- JOE - 1	2.52E-20	6.48E-14	3.67E-09
racelle carbonitite 2.80E-12 5.51E-15 5	1.10E-19	21E-1	3.35E-19	1.09E-18	7.15E-16
יו מסמת שבתו ל משונות בייסור ול נייטור ול מיילוב ול	5.83E-16	1.70E-14	7.72E-18	5.77E-15	3.78E-12
	1.00E-19	75E-1	0.00E+00	6.59E-17	8.02E-12
enaphthalene 1.12E-13 6.81E-14 8.72E-16 7	.20E-1	7.71E-16	2.37E-19	2.63E-16	82F-1
12E-13 3.12E-14 6.56E-16 5	5.75E-17	7.71E-16	9.18E-20	2.63E-16	1-45E-13

BE	3.39E-14 6.01E-13			7.25E-	4.84E-		2.46E-12	4.94E-14	3.47E-14	4.73E-16	7.54E-15	8, 15E-15	5.05E-15	1.87E-08	3.35E-16	3.12E-15	2.89E-15	5.38E-16				9.88E-14	3.48E-15	2.52E-13	7.62E-09	1.28E-13	2.68E-13	4.10E-13	2.55E-15	1.13E-12					
8	5.27E-17 5.27E-16	5.27E-17	1.05E-15	1.31E-19	6.48E-17	1.04E-18	AN	5.94E-17	3.18E-17	NA	NA.	1.61E-17	ž	2.55E-13	39	AN	NA	AN		7.85E-16	5.74E-18	AN	Y.	NA	NA	Z	3.74E-17	AN	AN	NA					
BC	8.01E-19 1.79E-16	6.60E-20	3.62E-18	7.17E-25	NA	NA	X Y	1.43E-20	AN	NA	¥	2.17E-20	¥	32E-	4.78E-25	NA	AN	NA		1_10F-14	AN	AN	AN	2,64E-15	AN	AN	AN	AN	AN	5.84E-15					
88	1.55E-16 1.55E-15	1.55E-16	5.10E-15	3.84E-19	1.90E-16	3.04E-18	ž	1.74E-16	9.34E-17	AN	AN	4.73E-17	ž	7.50E-13	1.52E-18	A	Ā	AN		2.30F-14	1_68F-16	NA.	AN	NA	NA	AN	1.10E-15	NA	NA	NA					
ВА	3.63E-16 1.72E-14	2.37E-17	2.05E-15	2,44E-20	1.04E-16	1.35E-20	NA	1.37E-18	1.41E-17	AN	¥	3.85E-18	¥	.62E-	6.32E-21	AN	NA	NA		7.46F-15	2.51F-17	NA.	AN	AN	AN	AN	9.33E-14	NA.	AN AN	NA					
AZ	6.85E-15 3.43E-13	3.23E-16	3.52E-14	2.66E-19	1.74E-15	8.38E-20	NA A	9.03E-18	1.91E-16	N		4.50E-17	NA	4.50E-16		NA AN	NA	NA		1.41F-12	2.08E-15	NA	N.	AN	NA	AN.	5.86E-15	NA NA	×	NA		M3/dav	(mm /	6m/6n	
AY	4.08E-15 1.46E-14 7.16E-14	8.36E-15	1.346-13	1.61E-17	1.88E-14	1.40E-15	Y.	2.39E-14	2.09E-14	Y.	¥.	1.18E-15		1.86E-08	1.14E-16	NA	¥2	NA		1.14E-13	1.16E-15	X.	NA.	AN	A'A	ž	8.31E-15	NA.	A A	NA				1000 uc	
AX	2.24E-14 2.24E-13 2.24E-13	2.246-14	4.49E-13	5.56E-17	2.75E-14	4-41E-16	2.46E-12	2.53E-14	1.35E-14	4.73E-16	7.54E-15	6.86E-15	5.05E-15	1.09E-10	2.20E-16	3.12E-15	2.89E-15	5.38E-16		3.34E-12	2.44E-14	9.88E-14	3.48E-15	2.50E-13	7.62E-09	1.28E-13	1.59E-13	4-10E-13	2.55E-15	1.13E-12		ď	.C	5	
U	Chrysene Dibenzo(a,h)anthracene Fluoranthene	Fluorene	Pyrene	Parathion	Pentachlorobenzene	Phenol	Pyridine	Quinoline	Tetrachlorobenzene	Tetrachloroethene	Toluene	Trichlorobenzene	Trichloroethene	Unsym. dimethyl hydrazine	Vapona	Vinyl acetate	Vinyl chloride	Xylenes (total)	INORGANICS	Arsenic	Cadmirm	Chromium (III)	Chromium (VI)	Copper	Iron	Lead	Mercury	Selenium	Silver	Zinc					
A . B	45 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	344	3%	29	89	69	2:	- 1	27	ς.	2	σ,	9	11	en.	6	0	_ ^	83 INO		85	86	2	88	89	06	16	25	~	25	96	88	66	100	101

487 408 15 15 16 17 10 18 18 18 18 18 18 18 18 18 18 18 18 18	TOTAL E 4/10N 9/day) 9/day) 12E-15 12E-15 13E-13 13E-14 13E-14 13E-14 13E-15 14E-15 15E-16		TOTAL (mg/kg/day) 6.60E-15 2.48E-10 2.76E-16 2.76E-16 7.16E-12 3.56E-12 3.56E-12 7.49E-15 7.49E-13
18-Jun-91 INHALATION RREAST M 16:44:49 (mg/kg/day) (mg/kg/da		MAXIMUM BREAST M (mg/kg/d 1.13E 2.42E 7.71E 2.42E 7.71E 2.42E 7.71E 2.42E 7.86E 7.86E 5.64E 5.64E 5.64E 5.64E 5.64E 7.86E 7.86E 7.86E 7.86E 7.86E 7.86E 7.86E	Cmg/kg/day 6.60E-1 2.51E-1 2.51E-1 2.51E-1 9.90E-1 7.50E-1 7.50E-1 7.50E-1 7.50E-1
18-Jun-91 INHALATION BREAST M feat 49 (mg/kg/day) (mg/		REAST MILK (mg/kg/day) 1.13E-16 2.42E-10 7.71E-15 2.67E-15 7.86E-15 5.64E-13 2.19E-18 2.53E-12 5.30E-15	TOTAL (mg/kg/day/day/kg/day/day/day/day/day/day/day/day/day/day
one intrile 6.49E-15 1.13E 1.1		1.13E-16 2.42E-10 7.71E-16 7.71E-16 7.86E-12 7.86E-13 5.86E-13 2.19E-18 5.83E-12 5.83E-12 5.83E-12	6.60E-1 2.51E-1 2.51E-1 1.89E-1 1.89E-1 1.89E-1 3.56E-1 7.50E-1 7.50E-1
one contrile 5.872-15 1.135 Lonitrile 5.872-12 2.425 Lonitrile 5.872-12 2.425 Lonitrile 3.306-12 7.716 Locomitine 1.896-15 1.186 Locomitine 1.896-15 2.195 Cotran 1.896-15 2.196 Cotran 1.896-15 2.196 Cotran 1.896-15 2.196 Cotran 1.896-15 2.196 Cotran 1.896-15 1.186-15 Cotran 1.896-15 1.186-15 Cotran 1.896-15 1.886-15 1.886-15 Cotroperzenes (total) 1.896-15 1.886-15 Cotroperzenes (total) 1.896-15 1.886-15 Cotroperzenes (total) 1.896-15 1.886-15 Cotroperzenes (total) 1.896-15 1.886-15 Cotroperzene 1.076-15 1.886-15 Cotroperzene 2.396-15 1	496-15 876-12 506-12 306-13 306-13 896-15 516-12 516-12 876-15	2.42E-16 2.42E-16 2.42E-16 2.67E-16 7.86E-12 7.86E-13 2.85E-13 2.53E-13 5.89E-12 5.30E-13	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
one contrile 5.87E-12 2.42E	49E-15 87E-12 50E-12 30E-13 30E-13 89E-15 51E-12 61E-12 85E-16	2.42E-16 2.42E-16 2.67E-16 1.56E-12 7.86E-15 5.64E-13 5.85E-18 2.53E-12 5.30E-15	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
rile trile t	876-12 506-12 306-12 306-13 306-13 376-15 616-12 856-16	2.42E-10 2.67E-16 7.71E-15 7.86E-12 2.85E-13 2.55E-13 2.55E-13 2.55E-13 2.50E-12 1.88E-12 1.88E-12	
trile yde yde y.12e-18 y.12e-18 yde y.12e-18 yde y.12e-18 yde yde y.12e-18 yde yde yde yde yde yde yde yd	50E-12 30E-12 30E-13 50E-13 50E-13 37E-14 61E-12 85E-16	2.67E-15 7.71E-15 7.86E-12 7.86E-13 2.87E-13 2.53E-12 5.89E-12 5.89E-12 5.89E-12	. ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
9.12E-18 2.67E-18 2.67E-19 3.30E-13 1.56E-15 1.66E-15 1.6	12E-18 30E-13 04E-15 50E-13 31E-13 37E-14 61E-12 85E-16	2.67E-16 7.86E-12 7.86E-13 5.64E-13 2.75E-18 2.53E-12 5.89E-12 5.89E-12	
3.30e-13 1.56e 2.04e-15 7.86e 3.00e-13 5.64e 1.89e-15 2.19e 3.20e-13 5.64e 1.89e-15 2.19e 3.20e-13 5.64e 1.61e-12 5.83e 3.20e-14 2.33e 3.30e-15 1.28e 3.30e-15 2.30e 3.30e-16 1.28e 3.30e-16 1.66e 1.67e-17 1.61e 1.67e-16 1.66e 1.67e-17 1.61e 1.67e-16 1.66e 1.67e-16 1.66e 1.67e-17 1.61e 1.67e-16 1.66e 1.67e-16 1.66e 1.67e-17 1.61e 1.67e-16 1.67e 1.67e-16 1.67e 1.67e-17 1.61e 1.67e-16 1.67e 1.67e-16 1.67e 1.67e-17 1.61e 1.67e-16 1.67e 1.67e-16 1.67e 1.67e-17 1.61e 1.67e-16 1.67e 1.67e-17 1.61e 1.67e-16 1.67e 1.67e-16 1.67e 1.67e-16 1.67e 1.67e-17 1.61e 1.67e-16 1.67e 1.67e-17 1.67e 1.67e-16 1.67e 1.67e-17 1.67e 1.67e-	30E-13 04E-15 50E-13 89E-15 37E-14 61E-12 85E-16	7.86E-15 7.86E-15 2.49E-13 2.53E-12 2.53E-12 5.89E-12 5.30E-15	
2.04E-15 7.86E-15 7.86E-15 7.86E-15 7.86E-15 7.86E-15 2.18E-15 2.1	04E-15 50E-15 31E-13 37E-14 61E-12 85E-16	7.86E-15 2.19E-13 2.83E-12 2.53E-13 5.89E-12 2.30E-14	
yde 1.50E-13 5.64E-19E-19E-19E-19E-19E-19E-19E-19E-19E-19	50E-13 89E-13 37E-14 85E-16 37E-12	2.19E-13 2.53E-12 2.53E-13 5.89E-12 1.30E-15	
an (1.89E-15 2.19E-17 1.89E-15 2.19E-17 1.16E-17 2.83E-17 2.83E-17 2.83E-17 2.89E-17	376-15 376-14 616-12 856-16	2.19E-18 2.53E-12 2.53E-13 5.89E-12 1.28E-14	
an 7.31E-13 2.83E-19 2.53E-19	31E-13 37E-14 61E-12 85E-16 37E-13	2.83E-12 2.53E-13 5.89E-12 2.30E-15	
Acid 7.37E 14 2.53E 16 16 16 16 16 16 16 16 16 16 16 16 16	37E-14 61E-12 85E-16 37E-13	2.53E-13 2.30E-15 1.28E-14	
1.61E 1.51E 1.51	61E-12 85E-16 37E-13	5.89E-12 2.30E-15 1.28E-14	
yylhexyl)phthalate 6.85E 16 2.30F 7.37E 13 1.28E 16 1.16E 1.30E 16 1.16E 1.30E 17 1.28E 17 1.28E 17 1.28E 17 1.28E 17 1.28E 1.30E 17 1.30E 1.30E 17	85E-16 37E-13	2.30E-15 1.28E-14	- 4- 4- 4-
vylhexyl)phthalate 7.37E-13 7.20E-16 1.46E-16 1.	37E-13	1.28E-14	- 4- 4-
1.00	21.00	1.405-14	
rachloride 3.30E-15 1.16E-17 1.00E-17 1.16E-17 1.00E-17 1.16E-17 1.00E-17 1.16E-17 1.00E-17 1.16E-17 1.00E-17 1.16E-17 1.00E-17 1.16E-17 1	70.00		•
trachloride 9.58E-15 1.64E-16 1.89E-16 6.17E-169E-16 1.89E-16 6.17E-169E-16 1.89E-16 6.17E-169E-16 1.89E-16 6.17E-169E-16 1.89E-16 1.89E-16 1.89E-16 1.89E-17 7.26E-18 1.89E-17 7.26E-18 1.89E-17 7.26E-18 1.89E-15 3.29E-15 3.29E-16 1.25E-15 3.29E-15 3.29E-1	30E-15	1 1/5-12	٠,٠
aniline 1.89E-16 6.17E-17.26E-16 7.89E-16 7.89E-16 7.89E-16 7.89E-16 7.89E-16 7.89E-16 7.89E-16 7.89E-16 7.89E-16 7.89E-17 7.26E-18 7.89E-17 7.26E-18 7.89E-17 7.26E-18 7.89E-17 7.89E-17 7.89E-17 7.89E-17 7.89E-17 7.89E-17 7.89E-17 7.89E-18 7.89E-	58E-15	1 445-14	
rzene (1.54E-16 7.89E-19 7.89E-19 7.89E-19 7.89E-19 7.89E-19 7.86E-19 7.89E-19 7.86E-19 7.86E-19 7.86E-19 7.86E-19 7.86E-19 7.86E-19 7.89E-19 7.88E-19 7.89E-19 7.89E	89F-16	6 17E-16	- 4-
biphenyl 4.66E-16 1.41E-19 1.41E-19 1.41E-14 1.41E-16 1.4		200	~ ~
objphenyl 2.34E-17 7.26E- nane 1.67E-14 6.33E- nane 8.14E-14 1.41E- nane 1.47E-14 4.64E- 1.47E-14 4.64E- 1.47E-14 4.64E- 1.47E-14 4.64E- 1.47E-14 4.64E- 1.48E- 1.48E- 1.68E-15 3.28E- 1.68E-15 1.82E- 1.69E-15 1.82E- 1.67E-17 1.61E- 1.61E-17 1.61E- 1.61E- 1.61E-17 1.61E-		415.	- 4-
1.67E-14 6.33E-14			- (-
## 8.14E-14 1.4TE- ran 1.47E-14 4.64E- 2.46E-15 3.28E- 2.89E-15 3.28E- 2.89E-15 3.28E- 2.89E-15 3.38E- 3.89E-15 3.39E- 4.89E-15 3.39E- 4.89E-16 1.79E- 5.89E-16 1.79E- 6.27E- 6.20E- 6.			8.00F-14
1,47E-14	Ψ.		-
chlorobenzene (total) 1.89E-15 3.28E- chlorobenzene 1.19E-16 2.07E- coroethane 1.69E-15 1.82E- coroethane 2.89E-15 1.82E- coroethene 2.50E-15 1.86E- coroethene 2.50E-17 1.61E- coroethene 2.25E-17 2.81E-17 1.61E- chloride 2.25E-15 3.90E-17 6.74E- chloride 1.35E-17 6.27E- chloride 1.35E-17 6.27E- chloride 1.35E-17 6.27E- chloride 1.35E-17 6.27E- chloride 1.35E-17 1.7E- chloride 1.35E-17 1.35E-	-		6.11E-1
chlorobenzene 1.19E-16 2.07E- croethane 5.41E-15 9.39E- croethane 2.89E-15 1.82E- croethane 2.89E-15 1.82E- croethene 2.89E-15 1.86E- croethene 2.89E-15 1.86E- lisulfide 4.60E-15 7.99E- cobenzene 4.42E-14 3.60E-15 1.86E- chloride 2.30E-17 6.74E- chloride 2.25E-15 3.90E-17 6.74E- luptalene 1.81E-18 6.21E- chloride 2.84E-15 6.21E- chloride 2.84E-15 6.21E- chloride 2.84E-15 6.21E- chloride 2.84E-15 6.21E- chloride 1.85E-15 1.7E- chloride 1.85E-16 1.7E- chloride 1.83E-16 1.7E- chloride 1.83E-16 1.7E- chloride 1.83E-14 1.36E- chloride 1.83E-14 1.36E- chloride 1.83E-14 2.88E-15 6.20E- chloride 1.83E-14 1.36E- chloride 1.83E-14 1.36E- chloride 1.83E-14 1.36E- chloride 1.83E-14 2.98E-	~	-28E-	1.92E-1
oroethane 5.41E-15 9.39E- oroethane 2.89E-15 1.82E- oroethane 2.89E-15 5.03E- oroethane 2.80E-15 1.82E- oropropane 1.07E-17 1.61E- lisulfide 4.60E-15 7.99E- obenzene 4.42E-14 3.60E-15 7.99E-10E-10E-10E-10E-10E-10E-10E-10E-10E-10	-	.07E-	1.22E-1
oroethane 1.69E-15 1.82E- oroethane 2.89E-15 5.03E- oroethane 2.80E-15 6.03E- oropropane 1.07E-17 1.61E- lisulfide 4.60E-15 7.99E- iloride 5.72E-11 5.29E- iloride 2.25E-15 3.90E- hyl ketone 2.25E-15 3.90E- hyl ketone 2.84E-15 6.21E- iloride 1.35E-15 3.90E- hyl ketone 2.84E-15 6.21E- iloride 1.35E-15 3.90E- iloride 1.35E-16 1.77E- iloride 1.35E-16 1.77E- iloride 1.35E-16 1.77E- iloride 1.35E-16 1.37E- iloride 1.35E-16 1.37E- iloride 1.35E-16 1.37E- iloride 1.35E-16 1.37E- iloride 1.35E- ilor	~	39E-	5.50E-1
oroethene 2.89E-15 5.03E- oroethene 2.50E-15 4.35E- oropropane 1.07E-15 1.86E- lisulfide 4.60E-15 7.99E- obenzene 4.42E-14 3.60E- cobenzene 4.42E-14 3.60E- cobenzene 5.72E-11 5.29E- coloride 2.36E-15 3.90E- hyl ketone 2.35E-15 3.90E- henol 2.84E-15 6.21E- henol 2.84E-15 6.21E- ne carbonitrile 1.80E-16 1.75E- dimethylamine 1.83E-14 1.36E- hthalene 7.31E-14 2.08E-	↽	.82E-	1.99E-1
Oroethene 2.50E-15 4.35E-16 oropropane 1.07E-15 1.86E-17 1.61E-17	~	.03E-	2.95E-1
1.07E-15 1.86E-16 1.67E-17 1.61E-17 1.61E-17 1.61E-17 1.61	~	.35E-	2.55E-1
1.67E-17 1.61E- 1.67E-17 1.61E- 2.60E-15 7.99E- 2.72E-14 3.60E- 2.72E-14 5.29E- 2.30E-17 2.31E- 2.30E-17 2.31E- 2.30E-17 2.31E- 3.90E-17 2.31E- 3.90E-17 3.90E- 3.90	~	-86E-	1.09E-1
thyldisulfide 4,60E-15 7.99E- chlorobenzene 4,42E-14 3.60E- azine 5.72E-11 5.29E- ane 7.78E-18 2.81E- thion 2.30E-17 6.74E- yl chloride 2.25E-15 3.90E- yl ethyl ketone 2.25E-15 3.90E- thylphenol 2.84E-15 6.21E- thylphenol 2.84E-15 6.21E- thalene carbonitrile 1.80E-11 6.27E- thosodimethylamine 7.31E-12 6.20E-	~	-61E-	1.63E-1
chlorobenzene 4,42E-14 3.60E- azine 5.72E-11 5.29E- ane 7.78E-18 2.81E- thion 2.30E-15 6.74E- yl chloride 2.25E-15 3.90E- yl chloride 1.35E-13 2.35E- yl chyl ketone 2.26E-15 6.21E- thylphenol 2.84E-15 6.21E- thylphenol 3.04E-16 1.74E- thalene carbonitrile 1.61E-12 6.20E- trosodimethylamine 7.31E-14 2.08E-		-99E-	4.68E-1
azine azine ane 7.78E-11 5.29E- thion 7.78E-18 2.81E- 2.30E-17 6.74E- 7.78E-18 2.81E- 2.30E-17 7.35E-15 3.00E- 7.35E-15 7.35E-16 7.35E-16 7.35E-16 7.35E-17		-909-	8.02E-14
thion 2.30E-17 6.74E-18 2.81E-17 6.74E-18 2.81E-17 6.74E-18 2.30E-17 6.74E-19 2.25E-15 3.90E-17 6.21E-17 6.21E-17 6.21E-17 6.21E-17 6.21E-17 6.21E-17 6.21E-17 6.20E-17 6.20E-		-29E-	5.30E-08
thion yl chloride 2.25E-15 3.90E-17 yl chloride 2.25E-15 3.90E-19 yl ethyl ketone 2.84E-15 6.21E-18 thylphenol 1.80E-15 1.54E-19 thalene thalene carbonitrile 1.61E-12 6.20E-17 trosodimethylamine 7.31E-14 2.08E-15 cenaphthalene		-81E-	3.59E-17
yl chloride 2.25E-15 3.90E- yl ethyl ketone 1.35E-13 2.35E- thylphenol 2.84E-15 6.21E- thylphenol 2.58E-15 1.54E- methyl hydrazine 1.80E-11 6.27E- thalene carbonitrile 1.61E-12 6.20E- trosodimethylamine 7.31E-14 1.36E-		-74E-	9.04E-17
Vene chloride		-90E-	2.28E-15
thylogene 2.84E-15 6.21E- thylogene		.35E-	1.38E-13
thylphenol 2.58E-15 1.54E- nethyl hydrazine 1.80E-11 6.27E- thalene 3.04E-16 1.17E- thalene carbonitrile 1.61E-12 6.20E- trosodimethylamine 1.83E-14 1.36E-		-21E-	6.49E-14
nethyl hydrazine 1.80E-11 6.27E- thalene 3.04E-16 1.17E- thalene carbonitrile 1.61E-12 6.20E- trosodimethylamine 1.83E-14 1.35E-		-54E-	1.80E-14
3.04E-16 1.17E- thalene carbonitrile 1.61E-12 6.20E- trosodimethylamine 1.83E-14 1.36E- cenaphthalene 7.31E-14 2.08E-		.27E-	6.29E-09
thalene carbonitrile 1.61E-12 6.20E-1 trosodimethylamine 1.83E-14 1.36E-1 cenaphthalene 7.31E-14 2 08E-1	-	.17E-	1.48E-15
trosodimethylamine 1.83E-14 1.35E-1 cenaphthalene 7.31E-14 2.08E-1	-	.20E-	7.80E-12
cenaphthalene 7,31F-14 2 08E-1	-	.36E-1	1.36E-11
1.31E-14 C SE-1	•		i
Consulthono		.98E-1	3.71E-13
cenapirthene (.5)E-14 2.55E-1	∵ °	-35E-1	. USE-1
Acenaphthene 7.31E-8enzo(a)pyrene 1.47E-	22222222222		13 2.35E- 14 6.20E- 1.36E- 4 2.35E- 4 2.35E- 5 86E- 5 86E- 6 7.86E- 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8

4 °	ယ ma	BH TABIE A	18	8
61	Chrysene		4-83F-14	6.30F-14
62	Dibenzo(a.h)anthracene	1 775-13	4 32E-13	7 70F-1
63		21-327 I	5 OUE-13	6 47F-13
79			5 00E-1/	4 5KE-1
65		5 72E-17	1 86F-16	2 43E-16
99		2 0/E-13	O 83E-13	1 286.1
67	Par	21 - 179 2	1 18E-16	1.546-1
89		1.80F-14	1.76F-14	3 56F-1
69		2 ARE-16	3 00F-15	3 38F-1
2		1.61F-12	2 705-14	1.64F-1
7	_	1.65F-14	8.16F-14	0 82F-1
72		8 86F-15	1 30F-14	2 18F-1
2		3, 10F-16	5 37F-18	7 15F-1
74		4. 93F - 15	1 43F-17	4 95F
33		4-49E-15	2.98E-15	7.46E-
26		3.30E-15	5.73E-17	3.36E-
77	_	7.11E-11	3.18E-08	3.18E-(
78	Vapona	1.44E-16	5.51E-16	6.95E-16
62		2.04E-15	3.54E-17	2.08E-1
80		1.89E-15	3,28E-17	1.92E-15
8	Xylenes (total)	3.52E-16	2.04E-19	.53E
82				
83	INOR			
84	Arsenic	2.18E-12	및	2.18E-12
82	Cadmium	1.60E-14	¥	1.60E-1
8		6.47E-14	밀	6.47E-1
87	Chromium (VI)	2.28E-15	2	2.28E-1
88	Copper	1.63E-13	2	1.63E-13
89	Iron	4.99E-09	2	4.99E-09
8	Lead	8.40E-14	¥	8.40E-14
2	Mercury	1.04E-13	2	1.04E-13
92	Selenium		¥	2.68E-
8	Silver		Z	1.67E-
34	Zinc	7.37E-13	2	7.37E-
95			!	
96				
26				
88		Jq	3.80E+00 M	M3/dav
8		φ		
00		5		m/ma
101				•
20				

Stope Stop	86 86 86		TABLE 28 CARCINOGENIC	SLOPE FACTORS	((mg/kg-day)-1)
SEMBITIVITY CASE	001		Inhalation	Oral	Dermal
Action Addrin			Stope	Stope	Stope
Acrylonitrile 2.40E-01 5.40E-01 Addrin Addit Exposure Dur CED Addit CED Addi					
Aniline 5.70E+01 1.70E+01 Aniline Benzene 5.70E+03 5.70E+03 Senzene Bis(2-ethylhexyl)phthalate 2.90E-02 2.90E-02 2.90E-02 Carbazole Carbazole 1.40E-02 1.40E-03 1.40E-02 1.40E-02 1.40E-02 1.40E-03 1.40E-02 1.40E-03 1.40E			2.40E-01	5.40E-01	NC
## Anni Time			1.70E+01	1.70E+01	3.40E+01
Berzere Berzere Carbacte Carbazole Carbon Tetrachloride 1.30E-01 1.30E-01 1.30E-01 1.30E-01 1.40E-02 2.00E-02 2.00E-03 2			5.70E-05	5.70E-03	1.14E-02
Carbazole Carbazole Carbazole Carbazole Carbon Tetrachloride Chicorotram 1,40E-02 1,10E-02 1,10E-02 1,10E-02 1,10E-02 1,10E-02 1,10E-03 1,		Substitute 1 a. t.	2.90E-02	2.90E-02	2 5
Carbon Tetrachloride Chloroform 1,4-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane		portnatate	2 40E-02	1.40E-02	2.80E-02
Chloroform 1,4-Dichlorobenzene 1,2-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane 1,1-Dichloroethane 1		ride	1 30E-02	1 20E-02	4.00E-02
1,4-Dichlorobenzene 2,40E-02 2. 1,1-Dichloroethane 1,20E+00 6. 1,2-Dichloroethane 1,20E+00 6. 1,2-Dichloroethane 1,20E+00 6. Dieldrin 1,20E+00 1. Hydrazine 1,71E+01 1.71E+01		3	A 10E-02	4 105-02	2 5
1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,60E-00 1,71E+01 1,7		9119	20 TOF 02	2 405-03	2 5
1,2-Dichloroethane 1,20E+00 6. 1,1-Dichloroethane 1,20E+00 6. 1,1-Dichloroethane 1,20E+00 6. 1,2-Dichloroethane 1,60E+01 1. Hexachlorobenzene 1,60E+01 1. Hydrazine 1,30E+00 1. Hydrazine 1,30E+00 1. Hydrazine 1,30E+00 1. Methylchene chloride 6,30E-03 7. Hethylchene chloride 1,40E-02 7. Honomethyl hydrazine 1,10E+00 1. Benzo(a)pyrene 6,10E+00 1. Dibenzo(a,h)anthracene 6,10E+00 1. Parathion 2,00E-01 1. Tetrachloroethene 3,30E-03 5. Trichloroethene 3,30E-03 1. Trichloroethene 2,90E-01 2. Vapona Vinyl chloride 2,90E-01 2. Vapona Vinyl chloride 2,90E-01 2. INORGANICS Arsenic 6,10E+00 1.7 Cadmium (VI) 4,10E+01 1.7 Total		e d	1010	70-104-7	2
1,1-Dichloroethene 1,20E+00 6. 1,2-Dichloroethene 6,80E-02 6. Dieldrin Hexacthorobenzene 1,60E+00 1. Hydrazine 1,30E+00 1. Lindane 1,71E+01 3. Lindane 1,2-Dichloroethene 1,30E+00 1. Methyl chloride 6,30E-03 1. Monomuthyl hydrazine 1,40E-02 7. Benzo(a)pyrene 6,10E+00 1. Chrysene 6,10E+00 1. Dibenzo(a,h)anthracene 6,10E+00 1. Parathion Quinoline 1.20E+01 1.2 Tetrachloroethene 2,95E-01 2.3 Vinyl chloride 2,95E-01 2.3 Vinyl chloride 2,95E-01 1.7 Arsenic Cadmium (VI) 4,10E+01 1.7 Total		2 9	9 10F-02	0 105-02	1 825.04
1,2-Dichloropropane 6.80E-02 6.30 bieldrin 1.60E+01 1.60E+01 1.60E+01 1.60E+01 1.60E+01 1.50E+00 1.50E+00 1.30E+00 1.30E+00 1.30E+00 1.30E+00 1.30E+00 1.50E+00 1.50E		. e	1.20E+00	6.00E-01	NC ON
Dieldrin Hexachlorobenzene Hydrazine Lindane Methyl chloride A-Methylphenol Monomethyl hydrazine N-Nitrosodimethylamine PAHS Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Auinoline Tetrachloroethene Vinyl chloride Vinyl chloride INORGANICS Arsenic Cadmium Chromium (VI) Dieloropene Cadmium Chromium (VI) Total AED Adult E CED Child Infant CE		ane	A ROF-02	6 80E-02	2 5
Hexachlorobenzene 1.60E+00 1. Hydrazine 1.71E+01 3. Lindane 1.30E+00 1. Methyl chloride 6.30E-03 1. Methylpheno chloride 1.40E-02 7. 4-Methylpheno 1. Monomethyl hydrazine 1.10E+00 1. Parathion 2.10E+01 5. Parathion 6.10E+00 1. Dibenzo(a,h)anthracene 6.10E+00 1. Parathion 9.10E+00 1. Parathion 9.10E+00 1. Chrysene 6.10E+00 1. Parathion 9.10E+00 1. Napona 1.20E+01 1.2 Vapona 2.90E-01 2.3 Vinyl chloride 2.95E-01 2.3 Vinyl chloride 2.95E-01 2.3 Arsenic 6.10E+00 1. Cadmium (VI) 4.10E+01 1.7 Total		2	1.60F+01	1.60E+01	7 20E±01
Hydrazine Lindane Methyl chloride Methyl chloride Methylphene chloride 4-Methylphene chloride Amethylphene chloride Amethylphene chloride Amethylphene chloride Amonmethyl hydrazine N-Nitrosodimethylamine N-		đ	1.60E+00	1.60F+00	3 20E+00
Lindane Methyl chloride Methylene chloride 4-Methylene chloride 4-Methylene chloride 4-Methylene chloride 4-Methylene chloride 6.30E-03 7.1 Monomethyl hydrazine 7.10E+00 7.1 8enzo(a)pyrene 6.10E+00 7.1 Parathion Quinoline 7.20E+01 7.20E-01 7.20E-0			1.71E+01	3.00E+00	6.00E+00
Methyl chloride Methyl chloride 4-Methyl chloride 4-Methylphenol Monomethyl hydrazine 1.10E+00 1. Monomethyl hydrazine 1.10E+01 1			1.30E+00	1.30E+00	2.60E+00
Methylene chloride 4-Methylphenol Monomethyl hydrazine			6.30E-03	1.30E-02	SC.
4-Methylphenol Monomethyl hydrazine I.10E+00 I.1 PANS Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene G.10E+00 I.2 Parathion Quinoline Tetrachloroethene Trichloroethene Vapona Vinyl chloride Cadmium Chromium (VI) Total AED Adult E CED Child CED C		de	1.40E-02	7.50E-03	S
Monomethyl hydrazine 1.10E+00 1. n-Nitrosodimethylamine 5.10E+01 5. Banzo(a)pyrene 6.10E+00 1. Chrysene 6.10E+00 1. Dibenzo(a,h)anthracene 6.10E+00 1. Parathion Quinoline 1.20E+01 1.2 Trichloroethene 3.30E-03 5.7 Trichloroethene 3.30E-01 2.5 Trichloroethene 2.90E-01 2.5 Vinyl chloride 2.99E-01 2.3 Arsenic Cadmium (VI) 4.10E+01 Total AED Adult E CED Child E CED Child IED Infant					
PAHS PAHS Banzo(a)pyrene Chrysene Chrysene Dibenzo(a,h)anthracene G.10E+00 Chrysene Chrysene Dibenzo(a,h)anthracene G.10E+00 Chrysene G.10E+00 Code Tetrachloroethene S.30E-03 Trichloroethene Vinyl chloride C.90E-01 C.		rine	1.10E+00	1.10E+00	2.20E+00
Senzo(a)pyrene		amine	5.10E+01	5.10E+01	1.02E+02
Chrysene 6.10E-00 1. Dibenzo(a,h)anthracene 6.10E-00 1. Parathion auinoline 1.20E+01 1.2 Tetrachloroethene 3.30E-03 5.7 Trichloroethene 2.90E-01 2.9 Vinyl chloride 2.95E-01 2.2 Arsenic 6.10E+00 1.7 Total 6.10E+00 4.10E+01 Total 6.10E+01 1.7 AED Adult E CED Child I III III III III III III III III III			405,00	* 4	201.00
Display of the control of the contro			6 105+00	1 155.01	2 20E+UI
Parathion Quinoline 1.20E+01 1.2 Tetrachloroethene 3.30E-03 5.1 Trichloroethene 3.30E-03 5.1 Trichloroethene 2.90E-01 2.9 Mapona 2.9		thracene	6 10E+00	1 155+01	2 ZOE+01
1.20E+01 1.20E+01 1.20E+01 1.20E+01 1.20E+01 1.20E+01 1.20E+01 1.20E+01 1.20E+01 2.30E-01	Par		0.105.00	10-10-10	Z.30E+01
Tetrachloroethene 3.30E-03 5.10			1,20F+01	1 20F±01	2 ADE+01
Trichloroethene 1.10E-02 1.1 Vapona 2.90E-01 2.5 Vinyl chloride 2.95E-01 2.5 INORGANICS 1.50E+01 1.7 Cadmium (VI) 4.10E+01 Total AED Adult E CED Child E CID Child IED Infant			3.30F-03	5 10E-02	2 2
Vapona 2.90E-01 2.5 Vinyl chloride 2.95E-01 2.5 INORGANICS 1.50E+01 1.7 Cadmium (VI) 4.10E+01 Total AED Adult E CED Child E CID Child IED Infant			1.10F-02	1.10F-02	2 2
Ninyl chloride 2.95E-01 2.35E-01 2.3			2.90E-01	2.90F-01	5 ROF-01
INORGANICS Arsenic Cadmium Chromium (VI) Total AED Adult E CED Child I	Viny		2.95E-01	2.30F+00	N. C.
INORGANICS Arsenic 6.10E+00 1.7 Cadmium (VI) 4.10E+01 Total AED Adult E CED Child I I I I I I I I I I I I I I I I I I I					2
Arsenic 1.50E+01 1.7 Cadmium (VI) 6.10E+00 Chromium (VI) 4.10E+01 Total AED Adult E CED Child E CID Child I ED Infant IED Infant					
Cadmium (VI) 6.10E+00 Chromium (VI) 4.10E+01 Total AED Adult E CED Child E CID Child IED Infant			1.50E+01	1.75E+00	3.50F+01
Chromium (VI) 4.10E+01 Total AED Adult E CED Child E CID Child IED Infant			6.10E+00	2	NC.
Total AED Adult E CED Child E CID Child I IED Infant	Chromium		4.10E+01	2	Z.
Total AED Adult E CED Child E CID Child I IED Infant				!	2
AED Adult E CED Child E CID Child I IED Infant					
AED Adult E CED Child E CID Child I IED Infant					
CED Child E	6			dult Exposure	Duration
CID Child I	0			nild Exposure	Duration
ieb Infant	= 9			nild Inhalatio	n Duration
	4 6				Duration

0	TOTAL ADULT CARC. RISK	NA 5.48E-16 1.01E-15 NA 2.62E-17	NA NA NA NA NA NE 3.14E-16	6.17E-15 1.59E-14 3.92E-08 2.65E-18 NA	1.70E-09 1.71E-10 5.56E-14 7.70E-14 1.17E-13 NA 1.33E-17	1.05E-13 NA NA A.11E-08
z	DERMAL EXPOSURE CARC. RISK	5.88E-19 7.14E-18 NA 2.15E-20	2.51E-19 NA NA NA NE NE 5.83E-19	NA 84E- 84E- NA NA	7.53E-14 3.55E-15 6.41E-15 6.41E-15 7.53E-16 NA 1.58E-19	1.45E-14 NA NA 7.59E-13
Σ	FISH INGESTION CARC. RISK	NA 4.36E-26 1.22E-21 NA 4.16E-26	0.046-25 NA NA NA NE NE 4.766-24	1.58E-23 6.29E-19 9.66E-20 5.62E-26 NA NA	1.17E-20 0.00E+00 1.47E-18 3.73E-18 8.35E-16 NA NA NA NA NA NA NA	7.82E-15 NA NA 8.66E-15
_	SOIL/DUST INGESTION CARC. RISK	1.63E-19 1.98E-18 NA 5.96E-21	NA NA NA NA NE 1.62E-19	2.82E-19 7.45E-17 1.81E-13 1.06E-20 NA NA	2.09E-14 9.84E-16 1.78E-15 1.7	4.02E-15 NA NA 2.10E-13
×	BEEF INGESTION CARC. RISK	2.24E-18 1.81E-20 NA 1.23E-18	NA NA NA NE NE 2.596-21	5.89E-19 6.42E-17 3.51E-17 9.96E-22 NA	4.06E-18 1.95E-18 5.01E-15 5.62E-15 NA NA NA NA	9.56E-16 NA NA 1.19E-14
L PROF	MILK INGESTION CARC. RISK	1.49E-17 4.61E-20 NA 1.03E-17	NA NA NA NE NE O.61E-21	2.50E-18 2.13E-16 8.95E-17 2.59E-21 NA	1.03E-17 4.97E-18 8.11E-16 2.69E-14 NA NA 1.66E-21 NA	7.30E-14 NA NA 1.24E-13
TABLE 29 ADMIT CARCINGENIC DISK	VEGETABLE INGESTION CARC. RISK	NA 5.30E-16 1.00E-15 NA 1.47E-17	NA NA NA NE NE 3.13E-16	- 110.0	1.69E-09 1.71E-10 1.92E-14 3.55E-14 NA NA 1.30E-17	4.46E-15 NA NA A.11E-08
Ü	FARM SENSITIVITY CASE	ORGANICS Acrylonitrile Aldrin Aniline Benzene Bis(2-ethylhexyl)phthalate Carbazole	Carbon Tetrachloride Chloroform 1,4-Dichlorobenzene 1,1-Dichloroethane 1,2-Dichloroethane	1,1-Dichloroethene 1,2-Dichloropropane Dieldrin Hexachlorobenzene Hydrazine Lindane Methyl chloride Methylene chloride 4-Methylphenol	Monomethyl hydrazine n.Nitrosodimethylamine PAHs Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Parathion Quinoline Tetrachloroethene Trichloroethene Vapona	INORGANICS Arsenic Cadmium Chromium (VI)
A 98		107 108 OR 111 113 113	115 118 118	120 121 122 125 125 128	129 130 137 137 138 139 140	

September Sept
3.38E-18 3.38E-19 4.11E-17 1.67E-16 2.08E-20 3.52E-21 1.40E-18 4.36E-19 4.11E-17 1.67E-16 2.08E-20 3.52E-21 1.40E-18 4.46E-18 4.36E-19 4.11E-17 1.67E-16 2.37E-18 4.26E-19 4.16E-19 2.47E-18 4.26E-19 2.47E-19 2.47E-19 2.47E-19 2.47E-19 2.37E-18 2.37E-18 2.37E-19 2.36E-17 2.38E-19 2.36E-17 2.38E-19 2.3
3.38E-14
State
4,11E-17 1,67E-16 2,08E-20 3,52E-21 1,40E-18 1,20E-18 1,44E-18 2,47E-18 4,64E-18 1,26E-21 1,40E-18 1,14E-19 2,47E-18 2,47E-18 4,64E-18 2,39E-19 4,20E-21 1,14E-19 1,44E-16 NA NA NA NA 1,14E-16 NA NA NA NA NA 1,14E-16 NA NA NA NA NA 1,14E-16 NA NA NA NA NA 1,14E-17 NA NA NA NA NA NA 1,15E-19 1,06E-17 2,06E-17 2,04E-22 1,14E-19 NA NA<
1.20E-18 NA
svy Lybythalate 1.24E-19 2.47E-18 4.64E-18 2.39E-19 4.20E-21 1.26E-21 4.90E-20 1.24E-16 NA
thoride 2.7E=17 NA
high cride 1.72E-17 NA
there 5.26-20 NA
A contract of the contract of
tithane Size-18 5.26-17 2.98e-21 5.04e-22 1.14e-19 8 tithane 5.58e-18 5.26e-17 2.98e-21 5.04e-22 1.14e-19 8 tithane 5.58e-18 1.04e-15 1.13e-18 1.15e-19 1.99e-19 2.57e-15 9.60e-17 1.25e-17 5.26e-17 2.13e-19 4.36e-19 4.04e-17 1.25e-17 5.26e-17 1.25e-18 1.05e-19 4.36e-19 4.04e-17 1.25e-17 1.05e-19 1.05
tithene 3.36E-18 5.26E-17 2.98E-21 5.04E-22 1.14E-19 8 1.59E-18
tringer 5.368-10 5.268-11 2.988-21 5.048-22 1.148-19 8 tringer 7.598-17
Trene 1.55E-16 NA
NA
tene 1.55e-16 1.13e-18 1.13e-19 1.99e-19 1.59e-19 1.59e-19 1.55e-15 2.57e-15 9.60e-17 1.25e-17 5.26e-17 1.25e-17 5.26e-17 1.25e-19 4.36e-19 1.17e-21 1.94e-22 7.51e-21 1.27e-13 1.27e-13 1.27e-13 1.27e-19 4.36e-19 1.17e-21 1.94e-22 7.51e-21 1.07e-19 1.17e-21 1.94e-22 7.51e-21 1.07e-19 1.17e-21 1.94e-22 7.51e-21 1.07e-19 1.07e-1
de 2.15E-15 2.57E-15 9.60E-17 1.25E-17 5.26E-17 1 2.15E-19 4.36E-19 4.04E-17 6.84E-18 1.27E-13 1 2.21E-19 4.36E-19 1.17E-21 1.94E-22 7.51E-21 9 de 3.09E-19 MA NA
de 3.21E-19 4.36E-19 1.77E-21 1.94E-22 7.51E-21 6.36E-19
de 3.09E-19 4.36E-19 1.17E-21 1.94E-22 7.51E-21 5 oride 4.36E-19 NA
de 3.09E-19 NA
oride 4.14E-17 NA
drazine 4.33E-13 2.82E-10 4.67E-18 7.90E-19 1.47E-14 chylamine 2.04E-14 2.87E-11 2.24E-18 3.80E-19 6.95E-16 rene 1.95E-14 3.20E-15 1.05E-14 9.77E-16 1.25E-15 l.95E-14 5.94E-15 1.05E-14 4.32E-17 1.25E-15 l.95E-15 2.71E-15 3.66E-16 4.32E-17 1.25E-15 l.95E-15 1.95E-14 6.57E-18 1.11E-18 1.47E-16 l.95E-15 I.95E-14 6.57E-18 1.11E-18 1.47E-16 l.95E-15 I.95E-14 6.57E-18 1.11E-18 1.47E-16 l.95E-15 I.95E-14 6.57E-18 1.11E-18 I.47E-16 l.95E-15 I.95E-14 6.57E-18 1.11E-18 I.47E-16 l.95E-17 I.95E-14 6.57E-18 1.11E-18 I.47E-16 l.95E-17 I.95E-14 6.57E-18 I.11E-18 I.47E-16 l.95E-17 I.95E-14 6.57E-18 I.11E-18 I.47E-16 l.95E-17 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
razine 4.33E-13 2.82E-10 4.67E-18 7.90E-19 1.47E-14 1.05E-14 2.04E-14 2.87E-11 2.24E-18 3.80E-19 6.95E-16 ene 1.95E-14 3.20E-15 1.05E-14 9.77E-16 1.25E-15 1.95E-14 1.95E-14 1.95E-15 1.95E-14 1.95E-14 1.95E-15 1.95E-14 1.95E-15 1.95E-14 1.95E-15 1
thylamine 2.04E-14 2.87E-11 2.24E-18 3.80E-19 6.95E-16
rene 1.95E-14 3.20E-15 1.05E-14 9.77E-16 1.25E-15 1.95E-15 1.95E-15 1.05E-14 9.77E-16 1.25E-15 1.95E-15 1.95E-1
h)anthracene 1.95E-14 3.20E-15 1.05E-14 9.77E-16 1.25E-15 1.25E-15 1.25E-15 1.25E-17 1.25E-15 1.25E-17 1.25E-15 1.25E-17 1.25E-16 1.25E-17 1.25E-15 1.25E-15 1.25E-15 1.25E-15 1.25E-15 1.25E-15 1.25E-15 1.25E-15 1.25E-15 1.95E-14 6.57E-18 1.11E-18 1.47E-16 1.25E-15 1.95E-14 6.57E-18 1.11E-18 1.47E-16 1.25E-15 1.95E-14 1.86E-15 3.09E-20 1.22E-17 1.22E-17 1.22E-15
Frene 1.95E-14 3.20E-15 1.05E-14 9.77E-16 1.25E-15 1.05E-14 9.77E-16 1.25E-15 1.05E-14 9.77E-16 1.25E-15 1.05E-14 9.77E-16 1.25E-15 1.05E-14 5.26E-15 1.05E-14 1.05E-17 1.25E-16 1.05E-14 1.05E-17 1.25E-16 1.05E-14 1.05E-14 1.05E-17 1.05E-14 1.05E-16 1.05E-15 1.05E-16 1.05E-15 1.05E-16 1.05E-
h)anthracene 1.95E-15 2.77E-15 3.66E-16 4.32E-17 1.25E-16 1.95E-16 1.95E-17 1.25E-16 1.95E-17 1.25E-16 1.95E-17 1.25E-16 1.95E-14 1.09E-15 1.25E-15 1.95E-14 1.09E-15 1.25E-15 1.95E-14 1.09E-15 1.95E-14 1.09E-15 1.1E-18 1.47E-16 1.95E-16 1.95E-14 1.95E-16 1.1E-18 1.47E-16 1.95E-16 1.95E-16 1.95E-16 1.95E-16 1.95E-16 1.25E-17 1.96E-16 1.27E-22 1.27E-22 3.09E-20 1.22E-17 1.22E-17 1.22E-16 1.23E-16 1
h)anthracene 1.95E-14 5.94E-15 1.21E-14 1.09E-15 1.25E-15 NE NE NE NE NE 4.33E-15 1.95E-14 6.57E-18 1.11E-18 1.47E-16 NA N
hene 2.23E-15 1.95E-14 6.57E-18 1.11E-18 1.47E-16 1.23E-15 1.95E-14 6.57E-18 1.11E-18 1.47E-16 1.23E-19 NA
hene 2.23E-15 1.95E-14 6.57E-18 1.11E-18 1.47E-16 1.23E- 2.23E-20 NA
hene 2.23E-20
7.95E-19 NA
FIG. 1.201-19 NA
9.10E-19 2.18E-18 7.48E-22 1.27E-22 3.09E-20 9.89E- 1.22E-17 NA
e 1.22E-17 NA
7.15E-13 6.36E-16 3.29E-14 1.86E-16 2.84E-15 1 2.13E-15 NA NA NA NA NA NA NA
7.15E-13 6.36E-16 3.29E-14 1.86E-16 2.84E-15 1 2.13E-15 NA NA NA NA NA NA NA NA
7.15E-13 6.36E-16 3.29E-14 1.86E-16 2.84E-15 1 2.13E-15 NA NA NA NA NA NA NA NA
2.13E-15 NA
2.04E-15 NA NA NA NA
2.26E-11 6.88E-09 5.60E-14 2.32E-15 1.48E-13 1.53E-15

SENSITIVITY CASE ORGANICS Acrytonitrile Aldrin Aniline Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbon Tetrachloride Chloroform 1,4-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,	LATION ARC. ISK 1SK 1SF-1 20E-1 43E-1 42E-1 17E-1 10E-2 10E-1 10E-1 10E-1	BREAST MILK INGESTION CARC. RISK 6.48E-17 1.27E-16 9.06E-22 2.32E-17 3.09E-19 1.23E-19 7.11E-22 NE 2.37E-17	10TAL INFANT CARC. RISK 6.70E-15 7.84E-15 7.84E-15 7.84E-16 7.98-17 4.19E-18 1.81E-17 4.19E-18 7.5-17 6.11E-20 1.6-17E-20
GANICS Acrylonitrile Aldrin Aniline Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbazole Chloroform 1,4-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,4-Dichloroethane 1,4-Dichloroethane 1,4-Dichloroethane 1,4-Dichloroethane 1,4-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,4-Dichloroethane 1,4-Dichloroethane 1,4-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane 1,3-Di	8.57c 2.21c 7.83c 7.83c 8.09c 9.43c 1.78c 1.78c 1.78c 1.06c 1.01c 1.01c 1.01c 1.01c 1.01c 1.01c 1.01c 1.01c	5.95E-17 6.48E-17 1.27E-16 9.06E-22 2.32E-17 3.24E-18 3.09E-19 1.23E-19 7.11E-22 NE 2.37E-17	8.63E-15 6.73E-17 7.84E-19 7.84E-19 7.181E-17 9.173E-17 7.175E-17 7.175E-17 7.175E-17
GANICS Acrylonitrile Acrylonitrile Aldrin Aldrin Aniline Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbon Tetrachloride Chloroform 1,4-Dichlorobenzene 1,1-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane 1	8.57E-15 2.69E-17 7.83E-19 8.09E-20 9.43E-19 1.78E-17 4.10E-17 1.04E-18 3.83E-19 1.01E-16 1.01E-16	5.95E-17 6.48E-17 1.27E-16 9.06E-22 2.32E-17 3.09E-19 1.23E-19 7.11E-22 NE 2.37E-17 4.31E-19	8.63E-15 6.70E-17 7.84E-19 7.33E-17 4.19E-18 1.81E-17 4.15E-20 8.63E-17 7.5E-20 1.06E-17 7.7E-20 1.06E-17
Acrylonitrile Aldrin Aniline Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbon Tetrachloride Chloroform 1,4-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethal 1,2-Dichloroethal 1,2-Dichloroethane 1,2-Dichloroethal 1,2-Dichloroethal 1,2-Dichloroethane 1,3-Dichloroethane 1,3-Di	8.57E-15 2.21E-18 2.83E-17 8.09E-20 9.43E-19 1.78E-17 4.10E-20 4.96E-17 1.01E-18 1.01E-16 1.01E-16	5.95E-17 6.48E-17 1.27E-16 9.06E-22 2.32E-17 3.09E-19 1.23E-19 7.11E-22 NE 2.37E-17 4.31E-19	8.63E-15 6.70E-17 7.84E-16 2.33E-17 4.17E-20 8.17E-20 N 2.59E-17 5.01E-17 3.75E-17 1.06E-17 1.06E-17 1.06E-17 1.06E-17 1.06E-17 1.06E-17
Aldrin Aldrin Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbon Tetrachloride Chloroform 1,4-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane 1,3-Dic	2.21e-18 2.69e-17 8.09e-20 9.43e-19 1.78e-17 4.96e-17 4.96e-17 1.01e-18 1.01e-18	6.48E-17 1.27E-16 9.06E-22 2.32E-17 3.09E-19 1.23E-19 7.11E-22 NE 2.37E-17 1.81E-20	6.70E-17 1.54E-16 7.84E-19 2.33E-17 4.17E-26 8.43E-17 6.17E-26 NB 5.01E-17 7.7E-27 7.7E-27 7.7E-27 7.7E-27 7.7E-17 7.7E-17 7.7E-17
Aniline Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbon Tetrachloride Chloroform 1,4-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene 1,2-Dichloroethane 1,2-	2.69E-17 7.83E-19 9.42E-19 9.42E-17 4.10E-20 1.04E-11 1.01E-15 1.40E-11	1.27E-16 9.06E-22 2.32E-17 3.09E-19 1.23E-19 7.11E-22 NE 2.37E-17 4.31E-19	7.54E-16 7.84E-19 7.83E-17 4.17E-20 8.43E-17 7.17E-20 8.17E-20 8.17E-20 7.76E-17 7.76E-17 7.76E-17 7.76E-17 7.76E-17 7.76E-17 7.76E-17
Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbarole Carbon Tetrachloride Chloroform 1,4-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane 1,	7.83E-19 8.09E-20 9.42E-17 4.10E-20 1.06E-17 1.01E-18 1.01E-15 1.40E-11	9.066-22 2.32E-17 3.08E-19 1.23E-19 7.11E-22 NE 2.37E-17 4.31E-19	7.84E-15 2.33E-15 4.19E-16 4.17E-20 NB-17 5.01E-17 7.75E-17 7.75E-17 7.75E-17 7.75E-17 7.75E-17 7.75E-17
Bis(2-ethylhexyl)phthalate Carbar Carbarole Carban Tetrachloride Chloroform 1,4-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane Dieldrin Hexachlorophopane Machylorophopane Hydrazine Lindane Methyl chloride Methylchenol Methylchenol Monomethyl hydrazine n-Nitrosodimethylamine PAHS Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Parathion Quinoline	8.09E-20 9.43E-17 9.42E-17 4.10E-20 1.04E-18 3.83E-18 1.01E-15 1.40E-11	2.326-17 3.246-18 3.296-19 1.236-19 7.116-22 8.376-17 4.316-19	2.33E-17 4.19E-18 9.43E-17 4.17E-20 5.06E-17
Carbazole Carbon Tetrachloride Chloroform 1,4-Dichlorobenzene 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethan 1,2-Dichl	9.43E-19 1.78E-17 9.42E-17 4.10E-20 7.20E-18 4.96E-17 1.01E-18 1.01E-16 1.40E-11	3.24e-18 3.09E-19 1.23E-19 7.11E-22 NE 2.37E-17 4.31E-19	4. 19E-18 1.81E-17 9.43E-17 4.17E-20 NB 2.59E-17 5.01E-17
Carbon Tetrachloride Chloroform 1,4-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethan 1,2	2.20E-18 4.96E-17 7.20E-18 4.96E-17 1.01E-18 1.01E-18 1.01E-18	3.09E-19 1.23E-19 7.11E-22 NE 2.37E-17 4.31E-19	1.81E-17 9.43E-17 4.17E-20 NB 2.59E-17 5.01E-17
Chloroform 1,4-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropane Dieldrin Hexachlorobenzene Hydrazine Lindane Methyl chloride A-Methylphenol Monomethyl hydrazine n-Nitrosodimethylamine PAHs Benzo(a)pyrene Chrysene Chrysene Dibenzo(a,h)anthracene Parathion Quinoline	9.42E-17 4.10E-20 NE-20 2.20E-18 4.96E-17 1.04E-13 1.40E-11	1.23E-19 7.11E-22 NE 2.37E-17 4.31E-19 1.81E-20	9.43E-17 4.17E-20 NE 2.59E-17 5.01E-17 4.76E-18
1,4-Dichlorobenzene 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropropane Dieldrin Hexachlorobenzene Hydrazine Lindane Methyl chloride Methylchenol Methylphenol Monomethyl hydrazine n-Nitrosodimethylamine PAHs Benzo(a)pyrene Chrysene Chrysene Chrysene Oibenzo(a,h)anthracene Parathion Quinoline	4.10E-20 NE 2.20E-18 4.96E-17 1.04E-18 1.01E-15 1.40E-11	7.11E-22 NE 2.37E-17 4.31E-19 1.81E-20	4.17E-20 NE 2.59E-17 5.01E-17 4.72E-18
1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethene 1,2-Dichloroptopane Dieldrin Hexachlorobenzene Hydrazine Lindane Methylene chloride Aethylphenol Monomethyl hydrazine n-Nitrosodimethylamine PAHs Benzo(a)pyrene Chrysene Chrysene Dibenzo(a,h)anthracene Paratnion Quinoline	2.20E-18 4.96E-17 1.04E-18 3.83E-18 1.01E-15 1.40E-11	2.37E-17 4.31E-19 1.81E-20	2.59E-17 5.01E-17 1.06E-18
1,2-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethene 1,2-Dichloropropane Dieldrin Hexachlorobenzene Hydrazine Lindane Methyl chloride 4-Methylphenol Monomethyl hydrazine n-Nitrosodimethylamine PAHS Benzo(a)pyrene Chrysene Chrysene Objenzo(a,h)anthracene Quinoline		2.37E-17 4.31E-19 1.81E-20	2.59E-17 5.01E-17 1.06E-18
1,1-Dichloroethene 1,2-Dichloropropane Dieldrin Hexachlorobenzene Hydrazine Lindane Methyl chloride 4-Methylphenol Monomethyl hydrazine n-Nitrosodimethylemine PAHS Benzo(a)pyrene Chrysene Chrysene Oibenzo(a,h)anthracene Quinoline		4.31E-19	5.01E-17 1.06E-18
1,2-Dichloropropane Dieldrin Heachlorobenzene Hydrazine Lindane Methyl chloride 4-Methylphenol Monomethyl hydrazine n-Nitrosodimethylemine PAHs Benzo(a)pyrene Chrysene Uibenzo(a,h)anthracene Parathion Quinoline		1.81E-20	1.06E-18
Dieldrin Hexachlorobenzene Hydrazine Lindane Methyl chloride Methylene chloride 4-Methylphenol Monomethyl hydrazine n-Nitrosodimethylamine PAHS Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Parathion Quinoline		1	7 72E-1/
Hexachlorobenzene Hydrazine Lindane Methyl chloride A-thylphenol Monomethyl hydrazine n-Nitrosodimethylamine PAHs Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Quinoline		3.68E-16	Jan C.
Hydrazine Lindane Methyl chloride Methylene chloride 4-Methylphenol Monomethyl hydrazine n.Nitrosodimethylamine PAHs Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Quinoline	40E-1	8.23E-16	1.83E-15
Lindane Methyl chloride Methylchen chloride 4-Wethylphenol Monomethyl hydrazine n-Nitrosodimethylamine PAHs Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Quinoline	-44E-1	2.27E-09	2.28E-09
Methyl chloride Methylene chloride 4-Methylphenol Monomethyl hydrazine n-Nitrosodimethylamine PAHs Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Parathion Quinoline	*	5.22E-19	6.66E-19
Methylene chloride 4-Methylphenol Monomethyl hydrazine n.Nitrosodimethylamine PAHs Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Parathion Quinoline	.UZE-1	7.24E-21	.09E-
4-Methylphenol Monomethyl hydrazine n.Nitrosodimethylamine PAHs Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Quinoline	2.71E-17	2.52E-19	2.73E-17
Monomethyl hydrazine n.Nitrosodimethylamine PAHs Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Quinoline	및	및	¥
n-Nitrosodimethylamine PAHs Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Quinoline			9.88E-11
PAHS Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Parathion	34E-1	9.88E-12	90E-1
Benzo(a)pyrene Chrysene Dibenzo(a,h)anthracene Parathion Quinoline	!		
Chrysene Dibenzo(a,h)anthracene Parathion Quinoline	1.28E-14	9-62E-14	1_09F-13
Dibenzo(a,h)anthracene Parathion Quinoline	28F-	OZE.	0 21E-15
Parathion Quinoline	1.28F-14	- 470	1 175-13
Quinoline	N H		
	2 RZE-15	1 40E-14	1 485-14
Tetrachloroethene	1 7.45-20	025	000
Trichloroethene	5 10E-10	0 015.24	1.07E-20
Vanona	5 OFE- 10	2 205-21	2 000 0
Vinvl chloride	7 07E-18	1 085-10	0 055 10
	01.316.1	1.005-10	7.035-10
INORGANICS			
Arsenic	4.68E-13	NA	4.68E-13
Cadmium	1.39E-15	N.	1.39E-15
Chromium (VI)	1.33E-15	N.	1.33E-15
Total	1.48E-11	2.38E-09	2.39E-09

FISH DERMAL INGESTION EXPOSURE CARC. RISK. RISK. RISK. RISK. NA N
AK ERMAL POSURE CARC. RISK. RISK. 8.09E-18 8.09E-18 8.09E-18 NA NA NA NA NA NA NA NA NA NA NA NA NA

FARM SENSITIVITY CASE ORGANICS Acrylonitrile Aldrin Aniline				
ORGANICS Acrylonitrile Aldrin Aniline	INHALATION CARC. RISK	INGESTION CARC. RISK	DERMAL CARC. RISK	TOTAL LIFETIME CARC. RISK
Acrylonitrile Aldrin Aniline				
Aldrin	2 175-14	5 OSE-17	MA	2 175-17
111 Aniline	5 40E-18	7 085-14	4 475.10	7 1/15-16
AUTTUR	1000	100.	20.00	100
	0.00E-1/	1.306-15	8.0%E-18	1.386-13
		9.06E-22	¥.	1.98E-18
Bis(2-ethylhexyl)phthalate	2.04E-19	5.68E-17	2.43E-20	5.70E-17
		1 005-17	2 8/6-10	2 34E-1
	E. JOE .	1.77E 17	Z.04E-17	
	4.5UE-1/	3.095-19	Z.	
Chloroform	2.38E-16	1.23F-19	NA NA	2.38F-16
	200	1		
	1.046-19	77.311.0	Y !	
	y.	씢	끷	발
	5.55F-18	3.90F-16	6.61F-10	3.96F-16
	255.1	7 215-10	1	1 245 14
		4-315-19		1.50E-10
1,2-Dichloropropane	2.63E-18	1.81E-20	A X	2.65E-18
Dieldrin	9-67F-18	7.575-15	1 15F-18	7.58F-1
Hovorhonohonom	20 272 6	74. 100	2 0/1 44	2000
Heyacii (ol opelizerie	Z.30E-13	- 35E- 14	01-140-0	2.20E- 14
Hydrazine	3.53E-11	4.80E-08	7.38E-13	4.81E-08
Lindane	3.65F-19	3.58E-18	4.35F-20	3.99F-18
Ī	5 115-10	7 2/5-21	NA	K 18E-10
	V. 110.	1 - 545 61	72	7.100.17
	0.835-17	2.52E-19	A'A	0.8/E-1/
4-Methylphenol	<u> </u>	¥	및	및
	7 145-12	2 DRE-00	8 525-17	2 085.00
	101	2000	1000	100
	3.38E-14	Z.UYE-10	4.045-15	Z.UYE-10
PAHS				
	7 325 47	4 645.47	7 325. 45	2 045.42
	2.635-14	1.016-13	CI -307 -)	Z.01E-13
155 Chrysene	3.23E-15	2.85E-14	7.26E-16	3.25E-14
	2 3ZE-11	1 OFF. 12	7 345 15	2 ZEE . 12
•	7.635	1.775	1.50E-13	C. 375 13
Parathion	Z.	T	W Z	핃
Quinof ine	7 175-15	1 505-13	8 525-14	1 585-12
	C - 1:1- 12	CI JOC.	01-3000	- 700-
Tetrachloroethene	3.69E-20	3.92E-21	AX.	4.08E-20
138 Trichloroethone	1 215.19	0 015.25	4	4 225-19
	01-316-1	12-016	NA.	370
Vapona	1.51E-18	1.76E-17	1-79E-19	1.93E-17
	2 016-17	1 085-18	NA	2 125.17
	Z-01E-1	I OOF 10	2	C. 16E- 18
INORGANICS				
Areanio	1 195-12	4 29E-12	1 4/5-11	4 ZZE-42
3110017	1.105-12	CI - 307 - I	1.046-14	1.325-12
Cadmium	3.52E-15	××××××××××××××××××××××××××××××××××××××	Υ _χ	3.52E-15
	7 275 15	MA	414	2 275.15
CIVI WILLIAM				
Chromium (VI)	3.3/6-13	2	Z.	7.7.0.0
Chromium (VI)	3.3/6-13	¥	¥ !	3.3/5-13

155	ى ن		ш	LL
0 1		TABLE 54		
158		REFERENCE DOSES		NONCARCINOGENIC
159		Errecis (mg/kg-day)	- nay)	
160		Inhalation	Oral	Dermal
161		RfD	RfD	RfD
162	SENSITIVITY CASE			
166				
165				
	ORGANICS			
167	Acetone	1.82E+00	1.00E-01	NC
168	Acetonitrile	1.00E-02	6.00E-02	3.00E-02
169	Acrylonitrile	4.39E-03	2.70E-04	
170	Aldrin	2.55E-04	3.00E-05	1.50E-05
171	Aniline	7.76E-03	1.95E-03	9.75E-04
21	Atrazine	5.10E-03	5.00E-03	2.50E-03
17,	Benzaldenyde	1.00E-01	1.00E-01	5.00E-02
17.	Bonzofinon	20-10Z	1.00E-03	NC NC
77,	Reproje Acid	2.00E-03	2.00E-03	2.50E-US
177		A 00E+00	8 00E+00	Z. UUC.+UU
178	Benzothiazole	1.00E-03	1.00F-03	5 00E-03
179	Biphenyt	1.33E-03	5.00E-02	NC
180	Bis(2-ethylhexyl)phthalate	5.10E-03	4.00E-03	1.00E-02
181	Carbazole	5.00E-03	5.00E-03	2.50E-03
182	Carbon Tetrachloride	3.16E-02	7.00E-04	SC.
183	4-Chloroaniline	4.00E-03	4.00E-03	2.00E-03
104	Chlorobenzene	5.00E-03	2.00E-02	NC NC
2 6	4-Chlorobishonyl	2.45E-02	2.45E-02	1.22E-02
187	9.5	2.55E-UZ	2.33E-UZ	1. TOE-UZ
188	Chloroform	5.00F-02	1,00F-02	2 2
189	Dibenzofuran	NA	N	N A
190	Dichlorobenzenes (total)	4.00E-02	9.00E-02	S
191	1,1-Dichloroethane	1.00E-01	1.00E-01	2
192	1,2-Dichloroethane	4.08E-02	4.89E-03	2.45E-03
195	1,1-Dichloroethene	2.04E-02	9.00E-03	S
<u> </u>	1,2-Dichloroppose	8.10E-01	2.00E-02	2 5
196	Diel drin	2 555-01	5 00E-US	2 EOF OF
197	Dimethyldisulfide	8, 10E-03	8.10E-03	NC ON
198	Hexachlorobenzene	8.00E-04	8.00E-04	4.00E-04
199	Hydrazine	1.33E-04	6.00E-04	3.00E-04
200	Lindane	5.10E-04	3.00E-04	1.50E-04
202	Malathion Mothyl objected	1.02E-02	2.00E-02	1.00E-02
202	Methylone oblonide	0.525.01	1.60E-02	2 5
202	Mothyl othyl botono	0.07E-01	6.00E-02	S
205		1 025-02		2 505-01
508	Monomethy! hydrazine	1.94E-05	2.20E-04	1.10F-04
202	Naphthalene	5.10E-02	4.00E-03	2.00E-03
208	Naphthalene carbonitrile	5.10E-02	4.00E-03	2.00E-03
508	n-Nitrosodimethylamine	2.80E-04	2.80E-04	1.40E-04
210	PAHS			1
213	Acenaphthalene	6.00E-02	6.00E-02	3.00E-02
212	Acenaphrhene Renzo(a)nvrene	3,00E-02	\$ 00E-02	3.00E-02
214	Chrysene	3.00E-02	3.00E-02	1.50E-02
				1

u.	1.50E-02	2.00E-02	2.00E-02	1.50E-02	1.50E-02	3.00E-03	4.00E-04	3.00E-01	S	1.00E-01	1.50E-04	N	N	1.00E-02	ON.	6.10E-04	4.00E-04	NC	CN	O.	1		5.00F-05	5.00F-05	NON	NC.	2	NC NC	1.50E-05	S	Š		2
ш	3.00E-02	4.00E-02	4.00E-02	3.00E-02	3.00E-02	6.00E-03	8.00E-04	6.00E-01	1.00E-03	2.00E-01	3.00E-04	1.00E-02	2.00E-01	2.00E-02	7.35E-03	1.22E-03	8.00E-04	1.00E+00	1.30E-03	2.00E+00			1.00E-03	1.00E-03	2	S	3.80E-02	S	3.00E-04	NC	NC	2 DOE-01	
D TABLE 34	3.00E-02	4.00E-02	4.00E-02	3.00E-02	3.00E-02	5.10E-05	8.00E-04	1.94E-02	1.63E-02	2.00E-01	3.00E-04	3.46E-01	5.71E-01	3.00E-03	2.74E-01	1.22E-03	8.00E-04	2.00E-01	1.33E-02	8.57E-02			2.04E-04	5.10E-05	5.10E-04	5.10E-05	1.00E-02	1.02E-03	8.57E-05	2.04E-04	1.02E-05	8. 19F-03	1
S	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Parathion	Pentachlorobenzene	Phenol	Pyridine	Quinoline	Tetrachlorobenzene	Tetrachloroethene	Toluene	Trichlorobenzene	Trichloroethene	Unsym. dimethyl hydrazine	Vapona	Vinyl acetate	Vinyl chloride	Xylenes (total)		INORGANICS	Arsenic	Cadmium	Chromium (III)	Chromium (VI)	Copper	Iron	Mercury	Selenium	Silver	Zinc	
8																																	
155	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	544	245	246	

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0	TOTAL ADULT HAZARD INDEX	2.41e-15 2.26e-12 2.36e-12 2.36e-12 2.36e-12 2.36e-12 2.36e-12 3.32e-14 4.26e-12 4.26e-12 4.26e-12 6.35e-14 4.26e-12 6.35e-14 6.15e-14 6.15e-14 6.15e-16 7.96e-12 8.56e-14 8.59e-14 1.10e-12 8.66e-14 8.59e-14 1.10e-12 8.66e-14 1.66e-14 1.66e-14 1.66e-14 1.76e-16 1.76e-10	.43E-1
z	DERMAL EXPOSURE HAZARD QUOTIENT	4. 12E - 13 1. 28E - 15 6. 33E - 15 6. 33E - 15 6. 33E - 15 6. 33E - 15 8. 46E - 13 7. 75E - 17 8. 56E - 13 1. 45E - 17 8. 56E - 13 1. 45E - 16 1. 69E - 16 7. 15E - 17 8. 56E - 13 1. 45E - 15 7. 15E - 17 8. 56E - 13 1. 45E - 16 7. 169E - 169E - 16 7. 169E - 16 7. 169E - 16 7. 169E - 16 7. 169E - 169E - 169E - 169E - 169E - 169E - 16 7. 169E - 16	2.06E-15
Σ	FISH INGESTION HAZARD QUOTIENT	1.29E-19 9.36E-23 1.20E-16 0.00E+00	1.18E-17
_	SOIL/DUST INGESTION HAZARD QUOTIENT	3.55E-16 1.76E-16	5.71E-16
¥	BEEF INGESTION HAZARD QUOTIENT	3.15E-16 1.10E-13 1.182E-15 2.71E-17 2.87E-17 2.87E-17 2.87E-16 3.15E-16 3.16E-15 3.27E-17 3.56E-18 8.09E-13 3.27E-20 1.56E-14 1.55E-16 1.56E-16	.85E-1
7	MILK INGESTION HAZARD QUOTIENT	8.07E-16 8.07E-16 8.66E-17 7.73E-17 1.45E-16 1.13E-14 6.33E-17 6.33E-17 8.66E-17 1.45E-16 1.35E-16 1.78E-12 1.78E-12 1.78E-12 1.37E-17 1.37E-17 1.37E-17 1.37E-17 2.18E-12 3.56E-18 NA NA NA NA NA NA NA NA NA NA	.95E
I NDEX	VEGETABLE INGESTION HAZARD QUOTIENT	1.04e-09 1.04e-09 1.16e-12 1.05e-10	6.51E-14
H TABLE 35 ADULT HAZARD INDEX	INHALATION HAZARD QUOTIENT	2.47E-15 2.88E-10 2.88E-11 2.78E-70 3.89E-11 1.02E-72 3.80E-14 4.46E-13 3.66E-14 5.87E-10 5.87E-10 5.87E-14 6.81E-14 6.81E-14 6.81E-14 7.66E-13 3.66E-14 7.66E-15 7.6	3,316-13
C C	FARM SENSITIVITY CASE	Actonitrile Actonitrile Actonitrile Actonitrile Aldrin Aniline Atrazine Benzaldehyde Benzaldehyde Benzaldehyde Benzonitrile Benzonitrile Benzonitrile Benzonitrile Benzonitrile Benzonitrile Biphenyl Bis(C-ethylhexyl)phthalate Carbazole Carbazole Carbazole Carbazole Carbazole Carbon Tetrachloride 4-Chlorobiphenyl Chlorobenzene 4-Chlorobiphenyl Chlorobenzene 1,2-Dichloroethane 1,2-Dichloroetha	Chrysene
	162 162 163 163 163 163		214

0	5.80E-12	3 51F-13	1.706-15	9.02E-12	4.84E-13	2,68E-11	1.12E-14	6.67E-11	1.12E-13	5.27E-11	6.05E-16	5.85E-15	1.04E-12	8.15E-15	7.15E-06	1-90F-13	6.90F-15	0 42E-14	2.78E-15		7.57E-09	2.13E-10	8.58F-11	3.02E-11	1.11E-11	3.31E-06	9.66E-10	8.90E-10	1.115-10	6.09E-11		4.34E-05
2	2.06E-14	1.55E-15	8.03E-18	4.12E-14	2.55E-17	9.49E-14	2.02E-18	A.	3.48E-16	1.24E-13	AN	X	9.45E-16	NA	2.45E-10	7.56E-16	NA	ΝV	¥		9.20E-12	6-72E-14	AN	Y.	N.	MA	1.46E-12	NA	AM	N		1.01E-09
Σ	2.65E-15	7.30F-19	3.35E-18	5.35E-17	5.29E-23	NA	AN	AN	3.17E-20	NA	A	NA	4.80E-19	NA	3.60E-17	2.64E-22	NA	MA	Ä		4.89E-12	NA	A	N.	3.08E-14	Ā	NA	AN	AN	1.29E-14		4.94E-12
_	5.716-15	4. 20F - 16	2.23E-18	1.14E-14	7.08E-18	2.63E-14	5.61E-19	NA	9.65E-17	3.45E-14	NA	AN	2.62E-16	AN	6.80E-11	2.10F-16	NA	NA	¥		2.55E-12	1.86E-14	AN	NA.	NA.	AN	4.05E-13	AN	NA	AN		2,79E-10
¥	2.30E-13	2.38F-16	1.71E-18	2.75E-14	1.63E-18	5.19E-14	9.00E-21	AN	2.75E-18	1.88E-14	AN	Ä	7.72E-17	NA.	2.50E-14	3.17E-18	NA	NA	N.		2.99E-12	1.01E-14	AN	NA	AN	AN	1.25E-10	¥.	AN	N		1.30E-10
7	1.98E-12	1-40F-15	1.07E-17	2.03E-13	7.68E-18	3.76E-13	2.42E-20	AN	7.82E-18	1.10E-13	NA.	AN	3.90E-16	AN	6.39E-14	8.48F-18	NA	NA	Y.		2.44E-10	3.61E-13	NA	AN	A.	AN	3.38E-12	A.	N N	Ą		2.62E-10
-	2.45E-13	9.86F-14	3.87E-16	2.12E-12	1.27E-15	1.10E-11	1.09E-15	NA	5.59E-14	3.25E-11	NA	NA.	2.83E-14	NA	7.12E-06	6-72E-14	NA	AM	NA.		6.14E-11	6.16E-13	NA.	X	N.	¥	1.48E-11	AN	AN	AN		3.91E-05
H TABLE 26	3.31E-12	2.48E-13	1.29E-15	6.62E-12	4.83E-13	1.52E-11	1.01E-14	6.67E-11	5.59E-14	2.00E-11	6.05E-16	5.85E-15	1.01E-12		3.94E-08	1.22E-13	6.90E-15		2.78E-15		7.24E-09	2.12E-10					8.22E-10			6.09E-11		4.28E-06
U	Dibenzo(a,h)anthracene Fluoranthene	Fluorene	Phenanthrene	Pyrene	Parathion	Pentachlorobenzene	Phenol	Pyridine	Quinoline	Tetrachlorobenzene	Tetrachloroethene	Toluene	Trichlorobenzene	Trichloroethene	Unsym. dimethyl hydrazine	Vapona	Vinyl acetate	Vinyl chloride	Xylenes (total)	INORGANICS	Arsenic	Cachium	Chromium (III)	Chromium (VI)	Copper	Iron	Mercury	Selenium	Silver	Zinc		Total (Hazard Index)
155 6	215	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234		237	238	239	240	241	242	243	544	245	246	747	248

> n	ABLE MILK BEEF SOIL/DUST FISH INGESTION INGESTION INGESTION INGESTION INGESTION INGESTION HAZARD HAZARD HAZARD HAZARD HAZARD GUOTIENT QUOTIENT QUOTIENT		AN AN	-09 4.66E-15 7.85E-16 1.03E-12	NA N	2 256-12 6.75-13 5.21E-15 2 2 25-15 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	6.75E-17 4.30E-15	4.47E-16 7.16E-17 1.59E-14 5.6	NA N	8 27E-18 1 20E-19 1 0/E-12	2 -4	3.65E-16 5.57E-17 7.23E-15 5	NA N	13 3 3.93E-11	NA NA NA NA	14 2.05E-17 3.20E-18 4.98E-16 5.	NA N	15 1.24E-15 7.73E-17 2.00E-16 3.	NE NE NE NE	NA NA	NE NE	NA NA NA	E-12 1.03E-16 1.65E-17 3.6	NA NA	NA NA NA	.84E-11 3.95E-13 2.02E-14 3.53E-15 4.87E-20	NA NA NA	7 18E-12 6.9/E-13 5.83E-13 1	7.72E-14 7.91E-17 8.84E-18 2.73E-16 3.56E-29	1.88E-18 2.41E-19 1.21E-17 0.	NA NA	NA N	2.54E-17 3 OFE-18 5 4ZE-14	2.74E-13 4.64E-14 8.64E-10	2.51E-16 2.76E-17 8.01E-16 8	2.24E-10 1.33E-12 1.46E-13 4.24E-12 1.93E-15 3.78E-15 3.78E-15 4.24E-12 0.00E-00	2.245 13 3.705 10 0.715 13	1.44E-12 1.45E-14 1.20E-15 1.29E-14 3.95E-18 3.05E-14 3.95E-18	4) -162° 1 101 101 1 101 101 101 101 101 101 10
C TABLE 36 CHILD HAZARD INDEX	FARM HAZARD VEGETABLE HAZARD INGESTION SENSITIVITY CASE QUOTIENT HAZARD QUOTIENT QUOTIENT	ORGANICS	one 5.45E-15	.2	8.70E-10	6.50=14	6.11E-13	~	8.86E-14	13 2 815-10	3.07E-10	azole 1.05E-12	·	1.01E-1	oride 4.63E-13	ne 7.22E-14 2	u	7.506-1	9.62E-15	2.49E-12		8.26F-14	6.33E-14 1.7	2.17E-13		1.00E-13		6.57E-11 5.	2.336-14	3,44E-15 3.		61-324-7	3.86E-13	lydrazine 1.42E-06	0	4.82E-11 3		Acenaphthalene 1.86E-12 1.14E Acenaphthene 1.86E-12 5.20E	7 /01 43

×	2.01E-11	7.97E-12	7.85E-13	3.84E-15	2.08E-11	1.09E-12	6.06E-11	2.51E-14	1.51E-10	2.47E-13	1.16E-10	1.37E-15	1.32E-14	2.35E-12	1.84E-14	1.53E-05	4.20E-13	1.56E-14	2.17E-13	6.28E-15			1.79E-08	4.82E-10	1.94E-10	6.82E-11	2.50E-11	7.47E-06	2.22E-09	2.01E-09	2.50E-10	1.37E-10	
3	3.52E-14	2.64E-14	2.64E-15	1.37E-17	7.03E-14	4.35E-17	1-62E-13	3.45E-18	NA	5.94E-16	2.12E-13	AN	AN.	1.61E-15	AN	4.19E-10	1.29E-15	NA NA	A.	NA			1.57E-11	1.15E-13	AN	AN	AN	AN.	2.49E-12	NA	N.	AN	
>	5.98E-15	AN	1.65E-18	7.57E-18	1.21E-16	1.19E-22	NA	NA	AN.	7.16E-20	A	AN	AN	1.08E-18	AN	8.13E-17	5.97E-22	AN	AN	NA.			1.10E-11	NA	NA NA	AN	6.95E-14	A.	AX	AN	NA	2.92E-14	
n	5.16E-14	3.87E-14	3.87E-15	2.01E-17	1.03E-13	6.39E-17	2.38E-13	5.07E-18	AN	8.72E-16	3.11E-13	AN	NA	2.37E-15	NA	6.15E-10	1.89E-15	NA	AX	NA			2.30E-11	1.68E-13	NA A	AN	NA	AN	3.66E-12	AN	¥	NA	
⊢	5.74E-13	2.78E-14	5.92E-16	4.26E-18	6.85E-14	4.06E-18	1.30E-13	2.24E-20	NA	6.86E-18	4.69E-14	NA	N	1.93E-16	AN	6.24E-14	7.90E-18	AN	AN	AN			7.46E-12	2.51E-14	NA	AN	NA	A	3.11E-10	NA	AN	NA	
vs	1.14E-11	4.81E-13	8.07E-15	6.19E-17	1.17E-12	4.43E-17	2,17E-12	1.40E-19	NA	4.51E-17	6.37E-13	AN	NA	2.25E-15	NA	3.69E-13	4.90E-17	AN	AN	AN			1.41E-09	2.08E-12	AN	N	NA	¥4	1.95E-11	AN	A	NA	
œ	4.88E-13	1.78E-12	2.09E-13	8.17E-16	4.47E-12	2.68E-15	2.35E-11	2.34E-15	NA	1.19E-13	6.96E-11	NA	AN	5.91E-14	NA.	1.53E-05	1.42E-13	NA	AN	AN			1.14E-10	1.16E-12	AN	NA	AN	AN	2.77E-11	NA	AN	NA	
TABLE 36		5.61E-12	5.61E-13	2.91E-15	1.50E-11	1.09E-12	3.44E-11	2.27E-14	1,51E-10	1.26E-13	4.51E-11	1.37E-15	1.32E-14	2.29E-12	1.84E-14	8.90E-08	2.74E-13	1.56E-14	2.17E-13	6.28E-15			1,64E-08	4.78E-10	1.94E-10	6.82E-11	2.50E-11	7.47E-06	1.86E-09	2.01E-09	2.50E-10	1.37E-10	
S	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Parathion	Pentachlorobenzene	Phenol	Pyridine	Quinoline	Tetrachlorobenzene	Tetrachloroethene	Toluene	Trichlorobenzene	Trichloroethene	Unsym. dimethyl hydrazine	Vapona	Vinyl acetate	Vinyl chloride	Xylenes (total)		INORGANICS	Arsenic	Cadmium	Chromium (III)	Chromium (VI)	Copper	Iron	Mercury	Selenium	Silver	Zinc	
	215	9	7	8	<u>6</u>	2	7	2	33	7	S.	9	7	ဆ	0.	0		~	M	41	2	O IN	~	œ	٥	0	_	N	M	4	ער	246	147

AA AB INDEX	BREAST MILK TOTAL INGESTION INFANT HAZARD HAZARD QUOTIENT INDEX		8.89E-12 8.00E-10 1.57E-12 5.64E-12 2.19E-15 6.02E-14 6.32E-14 7.37E-10 7.37E-10 2.30E-12 2.30E-12		2	4.97E-12 6.18E-12 3.92E-12 5.14E-12 1.95E-11 2.44E-11 1.61E-12 2.10E-12
Z TABLE 37 INFANT HAZARD	INHALATION HAZARD QUOTIENT	57E- 87E- 69E-5	5.28E-74 4.00E-13 1.50E-12 5.80E-14 1.46E-10 1.84E-14 2.01E-10 6.85E-13			1.22E-12 1.22E-12 4.89E-12 4.89E-13
	FARM SENSITIVITY CASE	ORGANICS Acetone Acetonitrile Acrylonitrile Aldrin	Aruiline Arrazine Benzaldehyde Benzene Benzofuran Benzoit Acid Benzoothiazole	Biphenyl Bis(2-ethylhexyl)phthalate Carbazole Carbon Tetrachloride 4-Chloroaniline Chlorobenzene 4-Chlorobiphenyl 4,4-Chlorobiphenyl	Chloroethane Chloroform Dibenzofuran Dibenzofuran Dichlorobenzenes (total) 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloropropane Dieldrin Dimethyldisulfide Hexachlorobenzene Hydrazine Lindane Malathion Methyl chloride Methyl chloride Methyl chloride Methyl chloride Methyl chloride Methyl hydrazine Methyl hydrazine Maphthalene carbonitrile naphthalene carbonitrile	Acenaphthalene Acenaphthene Benzo(a)pyrene Chrysene
155 158 158	162 162 163 164 164 164		17874777	180 181 182 183 184 185	188 188 192 192 193 198 198 202 203 204 205 208 209 209	212 213 213 214

AB	2.60E-11	1.62E-11	1.64E-12	8.09E-15	4.25E-11	7.33E-13	4.45E-11	2.00E-14	1.26E-10	4.91E-13	7.28E-11	1.43E-15	8.71E-15	1,64E-12	1.98E-14	2,61E-05	8.69E-13	1.02E-14	1.67E-13	4.11E-15			1.07E-08	3.13E-10	1.27E-10	4.46E-11	1.63E-11	4.89E-06	1.21E-09	1.32E-09	1.64E-10	8.99E-11		1.49E-04
AA	2.11E-11	1.25E-11	1.27E-12	6.18E-15	3.28E-11	1.97E-14	2.20E-11	5.15E-15	2.79E-11	4.08E-13	4.32E-11	5.37E-16	7.14E-17	1.49E-13	7.80E-15	2.60E-05	6.89E-13	3.54E-17	2.52E-14	1.02E-19			및	¥	및	및	및	및	및	및	밀	및		1.43E-04
Z TABLE 37		3.67E-12	3.67E-13	1.91E-15	9.79E-12	7.13E-13	2.25E-11	1.49E-14	9.86E-11	8.27E-14	2.95E-11	8.95E-16	8.64E-15	1.50E-12	1.21E-14	5.83E-08	1.80E-13	1.02E-14	1.42E-13	4.11E-15			1.07E-08	3,13E-10	1.27E-10	4.46E-11	1.63E-11	4.89E-06	1.21E-09	1.32E-09	1.64E-10	8.99E-11		6.32E-06
S	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Parathion	Pentachlorobenzene	Phenol	Pyridine	Quinoline	Tetrachlorobenzene	Tetrachloroethene	Toluene	Trichlorobenzene	Trichloroethene	Unsym. dimethyl hydrazine	Vapona	Vinyl acetate	Vinyl chloride	Xylenes (total)		INORGANICS	Arsenic	Cadmium	Chromium (III)	Chromium (VI)	Copper	Iron	Mercury	Selenium	Silver	Zinc		Total (Hazard Index)
	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	254	235		237	238	239	240	241	242	243	544	245	246	247	548

۵	N	81.5526 81.5519 0.0000 0.0000 0.0004	0.0015	13.6524 13.6520 0.0001 0.0000 0.0003	0.0002 0.0293 4.7191 100.0000
C CARCINOGENIC RISK CONTRIBUTION BY PATHWAY FARM SENSITIVITY CASE	Adult Inhalation	Ingestion Vegetables Milk Beef Soil\Dust Fish	Dermal Child Inhəlation	Ingestion Vegetables Milk Beef Soil\Dust Fish	Dermal Infant Inhalation Breast Milk Ingestion Total
253 254 255 255 257 258 258	260 261 261	265 264 265 267 268 268 268	272 273 273 273 273	275 276 277 278 279 280	283 284 285 286 287 288 290

TABLE 39 ADULT INHALATION (These numbers a analysis) INHALATION (These numbers a soften the series and the series are soil to the soil of the soil of the series are soil to the soil of the series are soil to the series are soil of the soil of the soil of the series are soil of the series	ITY CASE lonitrile ine ene 2-ethylhexyl)phthalate azole azole roform Dichlorobenzene Dichloroethane Dichloroethane Dichloroethane Dichloroethane Dichloroethane Chichoroethane Chichoropenzene	JLE 39 JLT INHALATION CARCINOGEN Hysis) HALATION ADULT CARC. RISK 3.06E-14 3.00E-18 1.06E-18 1.06E-19 1.28E-18 2.4F-17 1.27E-16 5.54E-20 NE 2.97E-18 6.72E-17 1.41E-18 6.72E-17 1.41E-18
ITY CASE ADULT These numbers are analysis) INHALATION	ITY CASE lonitrile in in in in 2-ethylhexyl)phthalate azole azole roform Dichlorobenzene Dichloroethane Dichloroethane Dichloroethane Dichloroethane Chichoroethane	JLE 37 JULT INHALATION CARCINOGES BLYSIS) WHALATION ADULT CARC. RISK 1.06E-14 3.00E-18 3.64E-17 1.05E-19 1.27E-16 5.54E-20 NE 2.97E-18 6.72E-17 1.41E-18 1.37E-15 1.41E-18
ITY CASE (These numbers a analysis) INHALATION (These numbers a analysis) INHALATION (These numbers a analysis) INHALATION (These numbers) INHALATION	ITY CASE lonitrile in in in in con con con con con con con con con co	AND CARCINO CARCINO CARCINO CARCINO CARCINO CARC. ADULT CARC. RISK 1.06E-14 3.06E-18 1.09E-17 1.06E-18 1.27E-16 5.54E-20 NE 2.97E-18 6.72E-17 1.37E-18 1.37E-15 1.48E-18 1.37E-15 1.88E-18 1.88E-11
INHALATION ADULT CASE CARC. RISK Initrile ethylhexyl)phthalate chlorobenzene chlorobenzene chloropenane	ITY CASE Lonitrile in in in in con con con con con con con con con co	NO 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19
analysis) ITY CASE ADULT CARC. RISK Lonitrile in in in controler correction correction colonocetane colono	a ITY CASE Lonitrile in ine ene 2-ethylhexyl)phthalate azole azole roform Dichlorobenzene Dichloroethane Dichloroethane Dichloroethane Dichloroethane Dichloroethane	HALATION ADULT CARC. RISK 3.64E-17 1.06E-18 1.28E-19 1.27E-16 5.54E-20 8.672E-17 1.37E-18 1.37E-15 1.37E-15 1.37E-15 1.37E-15 1.37E-15
Inhalation Inhalation Adult	ITY CASE tonitrile ine ene 2-ethylhexyl)phthalate azole orform Dichlorobenzene Dichloroethane Dichloroethane Dichloroethene Dichloroethene drin chloropenzene	HALATION ADULT CARC. RISK 3.64E-14 1.06E-18 1.06E-18 1.28E-18 2.44E-17 1.27E-16 5.54E-20 8.67E-17 1.37E-18 6.72E-17 1.37E-18 1.37E-15 1.89E-11
ITY CASE	ITY CASE lonitrile in in ine 2-ethylhexyl)phthalate azole on Tetrachloride roform Dichlorobenzene Dichloroethane Dichloroethane Dichloroethane Chichloroethane Chichloroethan	AMALION CARC. RISK. 3.00E-14 1.05E-14 1.05E-18 1.07E-17 1.27E-16 5.54E-20 6.72E-17 1.37E-18 1.37E-15 1.89E-11
Lonitrile	ORGANICS Acrylonitrile Aldrin Aldrin Aniline Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbon Tetrachloride Chloroform 1,4-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane	ADULI CARC. S. CARC. 3.06E-14 1.06E-18 1.06E-18 1.28E-18 5.54E-20 6.72E-17 1.47E-18 1.37E-15 1.85E-11
CARC. CARC	ORGANICS Acrylonitrile Aldrin Aniline Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbon Tetrachloride Chloroform 1,4-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,4-Dichloroethane 1,4-Dichloroethane 1,4-Dichloroethane 1,4-Dichloroethane 1,4-Dichloroethane 1,4-Dichloroethane 1,4-Dichloroethane	CARC. 1.16E-14 3.00E-18 3.00E-18 1.00E-19 1.27E-16 5.54E-20 5.54E-20 6.72E-17 1.37E-18 1.37E-15
RISK lonitrile 1.16E-14 in 3.00E-18 ene 1.06E-18 ene 1.06E-18 ene 1.06E-18 ene 1.20E-19 exclet	ORGANICS Acrylonitrile Aldrin Aniline Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbon Tetrachloride Chloroform 1,4-Dichloroethane 1,1-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,4-Dichloroethane 1,4-Dichloroethane 1,4-Dichloroethane 1,4-Dichloroethane 1,4-Dichloroethane 1,4-Dichloroethane 1,4-Dichloroethane	RISK 3.00E-14 3.00E-14 1.00E-18 1.00E-19 1.27E-16 5.54E-20 NE 6.72E-17 1.47E-18 5.18E-18 1.37E-15
1.16E-14 1.16E-14 1.16E-14 1.16E-14 1.00E-18 1.00E-18 1.00E-19 1.00E-11	Acrylonitrile Acrylonitrile Aldrin Aniline Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbon Tetrachloride Chloroform 1,4-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane	1.16e-14 3.00e-18 3.64e-17 1.06e-18 1.09e-19 1.27e-16 5.54e-20 NE 2.97e-18 5.18e-18 1.37e-15
1.16E-14 1.16E-14 1.16E-14 1.16E-14 1.06E-18 1.06E-19 1.06E-11	Acrylonitrile Aldrin Aldrin Aniline Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbon Tetrachloride Chloroform 1,4-Dichloroethane 1,2-Dichloroethane	1.16E-14 3.00E-18 3.64E-17 1.06E-18 1.28E-19 5.54E-20 8-5.54E-20 1.47E-18 1.37E-15 1.87E-15
Intericted	Acrylonitrile Aldrin Aniline Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbon Tetrachloride Chloroform 1,4-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropropane Dichloropropane	1,16E-14 3,00E-18 3,6E-17 1,06E-18 1,27E-16 5,54E-20 NE 2,97E-18 5,18E-18 1,37E-15 1,89E-11
ethylhexyl)phthalate	Actrication and the first and	3.00E-18 3.64E-17 1.06E-18 1.09E-19 1.27E-16 5.54E-20 8.E 6.72E-17 1.37E-18 1.37E-15
s. 1016-18 a. 5.00E-18 ethylhexyl)phthalate ole Tober 1 Tetrachloride chlorobenzene chloropenane chloropen	Andrin Aniline Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbon Tetrachloride Chloroform 1,4-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	5.00E-18 3.64E-17 1.00E-19 1.28E-18 5.54E-20 NE 6.72E-17 1.41E-18 1.37E-15
3.64E-17 e e thylhexyl)phthalate	Aniline Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbon Tetrachloride Chloroform 1,4-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,4-Dichloroethane 1,4-Dichloroethane 1,4-Dichloroethane 1,4-Dichloroethane 1,4-Dichloroethane 1,4-Dichloroethane 1,4-Dichloroethane	3.64E-17 1.06E-18 1.20E-19 2.41E-17 1.27E-16 5.54E-20 NE 6.72E-17 1.47E-18 1.37E-15
1.06E-18 ethylhexyl)phthalate ole 1.08E-18 1.28E-18 1.28E-18 1.27E-16 chlorobenzene chloroethane chloroethane chloroethane chloroethane chloroethane chloroethane chloroethane chloride chloroethene chloride chloroethene chloride chloroethene chloride chlor	Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbon Tetrachloride Chloroform 1,4-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,4-Dichloroethane 1,4-Dichloroethane	1.06E-18 1.09E-19 2.48E-18 1.27E-16 5.54E-20 NE 6.72E-17 1.47E-18 1.37E-15
ethylhexyl)phthalate 1.09E-19 ole 1.28E-18 i_Tetrachloride 2.41E-17 chlorocthane 5.54E-20 chlorocthane 8.07E-17 chlorocthane 8.07E-17 chlorocthane 8.07E-17 chlorocthane 8.07E-17 chlorocthane 9.77E-18 ine 1.37E-15 ine 1.37E-15 ine 2.07E-17 chlorocthane 8.08E-17 ine 1.73E-14 ine 1.73E-15 ine 1.73E-17 ine	Bis(2-ethylhexyl)phthalate Carbazole Carbon Tetrachloride Chloroform 1,4-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane	1.09E-19 1.28E-18 2.41E-17 1.27E-16 5.54E-20 6.72E-17 1.41E-18 1.37E-15
etnychexy () purtialiste 1.075-19 1.286-18 1.276-16 1.276-16 1.276-16 1.276-16 1.276-16 1.276-18 1.276-18 1.276-18 1.276-18 1.276-18 1.276-18 1.276-17 1.276	Distretuyinexyl)phinalate Carbazole Carbon Tetrachloride Chloroform 1,4-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloropropane Dieldrin Hexachlorobenzene	1.08E-19 2.41E-17 1.27E-16 5.54E-20 8.72E-18 1.47E-18 1.37E-15
ole Tetrachloride 1,28E-18 chlorobenzene chloroethane chloroethane chloroethane chloroethane chloroethane chloroethane chloroethane chloroethane chloride chloride chloride chloride chloride chloride zo(a)pyrene yphenol tinyl hydrazine chloride zo(a)pyrene ysene tinyl hydrazine zo(a)pyrene ysene thyl hydrazine zo(a)pyrene ysene 1.73E-17 NE NE thyl hydrazine zo(a)pyrene ysene 1.73E-18 thyle-18 thyl hydrazine zo(a)pyrene ysene 1.73E-18 thyle-18 thyle-19 thyl hydrazine zo(a)pyrene ysene 1.73E-16 thele-19 thyle-19 thyl hydrazine zo(a)pyrene ysene 1.73E-17 thyle-18 thyle-18 thyl hydrazine zo(a)pyrene ysene 1.73E-17 thyle-18 thyle-19 thyle-19 thyle-19 thyle-19 thyle-10 thyle	Carbazole Carbon Tetrachloride Chloroform 1,4-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethene 1,2-Dichloropropane Dieldrin	1.28E-18 2.27E-17 5.54E-20 NE NE 18 6.72E-17 5.18E-18 1.37E-15
retrachloride 2.41E-17 form 1.27E-16 chlorobenzene 5.54E-20 chloroethane 8.72E-17 chloroethane 6.72E-17 chloroethane 6.72E-17 chloroethane 6.72E-17 chloroethane 6.72E-17 in 1.37E-15 in 1.37E-15 in 1.37E-15 in 1.37E-15 in 1.37E-15 in 1.37E-17 in 1	Carbon Tetrachloride Chloroform 1,4-Dichlorobenzene 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethene 1,2-Dichloropropane Dieldrin Hexachlorobenzene	2.41E-17 1.27E-16 5.54E-20 NE 2.97E-18 6.72E-17 1.41E-18 1.37E-15
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chlorobenzene	1,4-Dichlorobenzene 1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethene 1,2-Dichloropropane Dieldrin	5.56-20 8.6-20 6.72E-17 1.41E-18 1.37E-15
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e chloride 2.74E-19 chloride 3.67E-17 ylphenol 3.67E-17 ylphenol 3.67E-17 cosdimethylamine 1.81E-14 zo(a)pyrene 1.73E-14 yysene 1.73E-14 yysene 1.73E-14 ion NE 1.73E-14 ion NE 1.73E-14 ion NE 1.73E-14 ion NE 1.73E-15 ion NE 1.73E-15 ion NE 1.73E-16 ion NE NE 1.73E-19 ion NE NE 1.88E-15 ion NE 1.88E-15 ion (VI) 1.80E-17 ion 1.80E-17 ion 1.80E-17 ion 1.80E-17	Hydrazıne	*
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New Control of the	Mothylope chloride	2 475-17
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oroethene 7.02E-19 8.06E-19 chloride 1.08E-17 c 6.33E-13 m 1.88E-15 um (VI) 2.00E-11 INHALATION 2	Tetrachloroethene	1.98E-20
chloride 8.06E-19 1.08E-17 1.88E-13 1.88E-15 um (VI) 1.80E-15 2.00E-11 1.NHALATION 2	Trichloroethene	7.02E-19
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1.80E-15 1.80E-15 1.80E-15 2.00E-11 INHALATION		1 775 17
ium (VI) 1.88E-15 1.80E-15 2.00E-11 INHALATION 2	Al'senic	0.33E-13
1.80E-15 2.00E-11 INHALATION 2	Cadmium	1.88E-15
2.00E-11 INHALATION 2	Chromium (VI)	1.80E-15
2.00E-11 INHALATION 2		
INHALATION	Total	2 AME-11
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9.4 WORKER SCENARIO

9.4.1 Base Case Emissions — Worker Scenario

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83 | | |
| 8 025.12 | 0.YEE-12 | 8.92E-11 | 8.92E-11 | 8.92F-12 | 7 /75-1/ | 1014.0 | 1.78E-10 | 2.21E-14 | 1.10E-11 | 1.75E-13 | MA
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 | | 44. | 1.16E-09 | 6.73E-12 | Z =
 | 2 2 | N N | 35F-1 | 35E-1 | X
 | NA | NA | rs ACCUMULATIO | SOIL DEPTH | L DEPTH
SOIL | | |
 | LATION | | YET |
| 1 385.13 | C1 - 30C-1 | 1.38E-12 | 1.38E-12 | 1.38E-13 | 5 365-16 | 2,205.0 | Z. (3E-12 | 3.41E-16 | 1.69E-13 | 2.70E-15 | NA
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| 2 00F-11 | 2 200 40 | C. YYE- 10 | 2.99E-10 | 2.99E-11 | 1 175-13 | 1 2 2 | 2.705-10 | (.41E-14 | 3.67E-11 | 5.88E-13 | 3 28F-00
 | 3 37F-11 | 100 | 245-42 | 1 045-14 | 0 155.12 | 6 73E-12
 | 1 755.07 | 2 97F-13 | 4 166-12 | 7 RSE-92 | 7.18E-13
 | | 4 041 | 3.95E-U9 | 1 015 10 | 2 57E-10
 | 1.50F-10 | 3.64F-06 | 1.48F-10 | 1.48E-10 | 4.48E-10
 | 2.05E-12 | 1.18E-09 | | | | | |
 | | | |
| 2.85F-10 | 200.7 | Z-03E-09 | 2.85E-09 | 2.85E-10 | 1.11E-12 | 202 202 | 3.10E-09 | 7.USE-13 | 3.50E-10 | 5.60E-12 | 3.12E-08
 | 3.21E-10 | 1 725-10 | 4 01E-13 | 0 58E-11 | 8 71E-11 |
 | 1 385-06 | 2 | | 3.67F-11 | 6.84E-12
 | | 27.77 | 2.70E-US | 0 445-10 | 3 40E-11
 | 1.43E-09 | 3.47E-05 | 1.41E-09 | 1.41E-09 | 4.27E-09
 | 1.95E-11 | 1.12E-08 | | | | | |
 | | | |
| Chrysene | Dibonzo | בן יייי יין פוונווו פרפופ | rinoranthene | Fluorene | Phenanthrene | Pyrene | 200 | raiatiioii | Pentachlorobenzene | Phenol | Pyridine
 | Quinoline | Tetrachlorohenzene | Tetrachloroethene | Toluene | Trichlorobenzene | Trichloroethene
 | Unsym, dimethyl hydrazine | Vapona | Vinyl acetate | Vinyl chluride | Xylenes (total)
 | 30114900 | Areanic | | |
 | | Iron | Lead | Mercury | Selenium
 | Silver | 2100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 | | | |
| | Chrysene Chrysene 2 855.10 2 005.11 1 275.12 1 200.02 1 2 | Chrysene 2.85E-10 2.99E-11 1.27E-12 1.38E-13 8.79E-12 8.92E-12 1.76E-1 | Chrysene 2.85E-10 2.99E-11 1.27E-12 1.38E-13 8.79E-12 8.92E-12 1.76E-1 Dibenzo 3.81E-12 8.79E-11 1.38E-12 8.79E-11 1.76E-1 | Chrysene 2.85E-10 2.99E-11 1.27E-12 1.38E-13 8.79E-12 8.92E-12 Dibenzo 3.79E-11 2.85E-09 2.99E-10 1.27E-11 1.38E-12 8.79E-11 8.92E-11 Fluoranthene 2.85E-09 2.99E-10 1.27E-11 1.38E-12 8.79E-11 8.92E-11 | Chrysene 2.85E-10 2.99E-11 1.27E-12 1.38E-13 8.79E-12 8.92E-12 1.76E-1 Dibenzo((1) anthracene 2.85E-09 2.99E-10 1.27E-11 1.38E-12 8.79E-11 8.92E-11 1.76E-1 Fluorenthene 2.85E-09 2.99E-10 1.27E-11 1.38E-12 8.79E-11 8.92E-11 1.76E-1 Fluorene | Chrysene 2.85E-10 2.99E-11 1.27E-12 1.38E-13 8.79E-12 8.92E-12 1.00 | Chrysene Dibenzo(::!)anthracene 2.85E-10 2.99E-11 1.27E-12 1.38E-12 8.79E-12 8.92E-12 1.36E-12 8.79E-11 1.27E-11 1.38E-12 8.79E-11 1.27E-11 1.38E-12 8.79E-11 1.27E-11 1.38E-12 8.79E-11 1.27E-11 1.38E-12 8.79E-11 1.27E-12 1.36E-13 8.79E-12 1.36E-14 9.76E-14 9.77E-12 1.38E-13 8.79E-11 1.27E-12 1.38E-13 8.79E-11 1.27E-11 1.27E-12 1.38E-13 8.79E-11 1.27E-11 1.27E-12 1.38E-12 8.79E-11 1.27E-11 1.27E-1 | Chrysene 2.85E-10 2.99E-11 1.27E-12 1.38E-13 8.79E-12 8.92E-12 Dibenzo(anithmacene 2.85E-09 2.99E-10 1.27E-11 1.38E-12 8.79E-11 8.92E-11 Fluoranthene 2.85E-09 2.99E-10 1.27E-11 1.38E-12 8.79E-11 8.92E-11 Fluoranthene 2.85E-10 2.99E-10 1.27E-12 1.38E-13 8.79E-12 8.92E-11 Phenanthrene 1.11E-12 1.17E-13 4.95E-15 5.36E-16 3.42E-14 3.47E-14 Pyrene 5.70E-09 5.98E-10 2.54E-11 2.75E-12 1.76E-10 1.78E-10 2.54E-11 2.75E-12 1.76E-10 1.78E-10 2.54E-11 2.75E-12 1.76E-10 2.54E-11 2.75E-12 1.76E-10 2.54E-10 2.55E-12 1.76E-10 2.75E-10 2.75E-12 1.76E-10 2.75E-10 | Chrysene 2.85E-10 2.99E-11 1.27E-12 1.38E-13 8.79E-12 8.92E-12 Dibenzo(::) anthracene 2.85E-09 2.99E-10 1.27E-11 1.38E-12 8.79E-11 8.92E-11 1.38E-12 B.79E-11 B.92E-11 1.38E-12 B.79E-12 B.92E-11 1.38E-12 B.79E-12 B.79E-12 B.79E-12 B.79E-12 B.79E-12 B.79E-14 B.92E-11 1.38E-13 B.79E-13 B.79E-14 B.92E-11 1.38E-13 B.79E-12 B.79E-14 B.92E-11 1.38E-13 B.79E-12 I.11E-12 I.17E-13 4.95E-15 5.36E-16 I.38E-10 I.78E-10 II.78E-10 III.78E-10 IIII.78E-10 III.78E-10 III.78E-10 III.78E-10 III.78E-10 III.78E-10 III.78E-10 III.78E-10 IIII.78E-10 IIII.78E-10 IIII.78E-10 IIII.78E-10 IIII.78E-10 IIII.78E-10 IIII.78E-10 IIII.78E-10 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII | Chrysene Chrysene 2.85E-10 2.99E-11 1.27E-12 1.38E-13 8.79E-12 8.92E-12 Dibenzo(anity) and thracene 2.85E-09 2.99E-10 1.27E-11 1.38E-12 8.79E-11 8.92E-11 1.28E-12 Eluoranthene 2.85E-09 2.99E-10 1.27E-11 1.38E-12 8.79E-11 8.92E-11 1.27E-12 1.38E-13 8.79E-11 8.92E-11 1.27E-12 1.38E-13 8.79E-12 8.92E-11 1.18E-12 1.11E-12 1.17E-13 4.95E-15 5.36E-16 3.42E-14 3.47E-14 5.70E-09 5.98E-10 2.54E-11 2.75E-12 1.76E-10 1.78E-10 1.78E-10 1.78E-10 1.78E-10 1.78E-10 1.78E-10 1.78E-10 1.78E-11 1.10E-11 1.56E-12 1.69E-13 1.08E-11 1.10E-11 1.70E-11 | Chrysene Dibenzo(::!)anthracene 2.85E-10 2.99E-11 1.27E-12 1.38E-13 8.79E-12 8.92E-12 1.58E-12 Dibenzo(::!)anthracene 2.85E-09 2.99E-10 1.27E-11 1.38E-12 8.79E-11 8.92E-11 1.58E-12 B.79E-11 1.38E-12 B.79E-11 1.27E-11 1.38E-12 B.79E-11 1.27E-11 1.38E-12 B.79E-11 1.27E-12 1.36E-13 B.79E-12 B.79E-11 1.27E-12 1.36E-13 B.79E-12 B.79E-14 3.47E-14 5.70E-10 5.98E-10 3.56E-11 1.76E-10 1.78E-10 3.57E-11 1.76E-10 1.78E-10 3.57E-11 1.76E-11 1.76E-11 1.76E-11 1.76E-11 1.76E-11 1.76E-11 1.76E-11 1.75E-13 3.50E-11 1.75E-13 1. | Chrysene 2.85E-10 2.99E-11 1.27E-12 1.38E-13 8.79E-12 8.92E-12 Dibenzo(a ii) anthracene 2.85E-09 2.99E-10 1.27E-11 1.38E-12 8.79E-11 8.92E-11 1.28E-12 Phenanthene 2.85E-09 2.99E-10 1.27E-11 1.38E-12 8.79E-11 8.92E-11 1.28E-12 Phenanthrene 2.85E-10 2.99E-11 1.27E-12 1.38E-13 8.79E-12 8.92E-11 1.27E-12 1.38E-13 8.79E-12 1.38E-13 8.79E-11 1.38E-12 1.38E-13 1.78E-14 1.38E-14 1.38E-15 1.73E-15 1.38E-15 1.38E-1 | Chrysene Chrysene 2.85E-10 2.99E-11 1.27E-12 1.38E-13 8.79E-12 8.92E-12 Dibenzo (**) anthracene 2.85E-09 2.99E-10 1.27E-11 1.38E-12 8.79E-11 8.92E-11 1.27E-11 1.38E-12 8.79E-11 8.92E-11 1.27E-11 1.38E-12 8.79E-11 8.92E-11 1.27E-12 1.38E-13 8.79E-12 8.92E-11 1.27E-12 1.38E-13 8.79E-12 8.92E-11 1.27E-12 1.38E-13 8.79E-11 8.92E-11 1.27E-12 1.38E-13 8.79E-12 8.92E-12 1.27E-12 1.38E-13 8.79E-13 1.78E-10 1.27E-12 1.38E-13 8.79E-13 1.78E-10 1.27E-14 1.27E-15 1.76E-10 1.78E-10 1.78E- | Chrysene 2.85E-10 2.99E-11 1.27E-12 1.38E-13 8.79E-12 8.92E-12 Dibenzo(a it) anthracene 2.85E-09 2.99E-10 1.27E-11 1.38E-12 8.79E-11 8.92E-11 1.27E-11 1.38E-12 8.79E-11 8.92E-11 1.27E-11 1.38E-12 8.79E-11 8.92E-11 1.27E-12 1.38E-13 8.79E-10 8.92E-12 1.38E-13 8.79E-11 8.92E-11 1.27E-12 1.38E-13 8.79E-11 8.92E-11 1.27E-12 1.38E-13 8.79E-11 8.92E-11 1.27E-12 1.38E-13 8.79E-11 1.27E-12 1.38E-13 1.78E-14 3.47E-14 3.76E-10 2.76E-14 3.76E-10 2.76E-11 1.56E-12 1.69E-13 1.08E-11 1.10E-11 1.78E-13 1.75E-13 1.75E-13 1.75E-13 3.72E-10 3.28E-09 NA | Chrysene 2.85E-10 2.99E-11 1.27E-12 1.38E-13 8.79E-12 8.92E-12 Dibenzo(a it) anthracene 2.85E-09 2.99E-10 1.27E-11 1.38E-12 8.79E-11 8.92E-11 1.38E-12 Eluoranthene 2.85E-09 2.99E-10 1.27E-11 1.38E-12 8.79E-11 8.92E-11 1.28E-12 1.38E-13 8.79E-11 8.92E-11 1.28E-12 1.38E-13 8.79E-11 8.92E-11 1.28E-12 1.38E-13 8.79E-12 8.92E-12 1.38E-14 1.18E-14 1.11E-12 1.11E-12 1.11E-12 1.25E-12 1.26E-10 1.78E-14 1 | Chrysene 2.85E-10 2.99E-11 1.27E-12 1.38E-13 8.79E-12 8.92E-12 Dibenzo(a ii) anthracene 2.85E-09 2.99E-10 1.27E-11 1.38E-12 8.79E-11 8.92E-11 Eluoranthene 2.85E-09 2.99E-10 1.27E-11 1.38E-12 8.79E-11 8.92E-11 Eluoranthene 2.85E-09 2.99E-10 1.27E-11 1.38E-12 8.79E-11 8.92E-11 Eluoranthene 2.85E-09 2.99E-10 1.27E-12 1.38E-12 8.79E-11 8.92E-11 1.1E-12 1.11E-12 1.36E-13 1.38E-13 8.79E-12 8.92E-11 1.38E-12 1.38E-12 1.38E-12 1.38E-12 1.38E-12 1.38E-12 1.38E-13 1.38E-12 1.38E-13 1.3 | Chrysene Chrysene 2.85E-10 2.99E-11 1.27E-12 1.38E-13 8.79E-12 8.92E-12 Fluoranthene 2.85E-09 2.99E-10 1.27E-11 1.38E-12 8.79E-11 8.92E-11 1.28E-12 Fluoranthene 2.85E-09 2.99E-10 1.27E-11 1.38E-12 8.79E-11 8.92E-11 1.28E-12 Phenanthrene 2.85E-10 2.99E-11 1.27E-12 1.38E-13 8.79E-12 8.92E-11 1.11E-12 1.17E-13 4.95E-15 5.36E-16 3.42E-14 3.47E-14 3.47E-14 3.42E-14 3.16E-15 3.4E-16 2.18E-14 2.21E-14 3.16E-15 3.4E-16 2.18E-14 2.21E-14 3.16E-15 3.4E-16 2.18E-11 1.10E-11 1.10E-11 1.56E-12 1.69E-13 1.08E-11 1.10E-11 1.1 | Chrysene Chrysene 2.85E-10 2.99E-11 1.27E-12 1.38E-13 8.79E-12 8.92E-12 Fluoranthene 2.85E-09 2.99E-10 1.27E-11 1.38E-12 8.79E-11 8.92E-11 1.27E-12 1.38E-12 8.79E-11 8.92E-11 1.27E-12 1.38E-12 8.79E-11 8.92E-11 1.27E-12 1.38E-13 8.79E-12 8.92E-12 1.11E-12 1.17E-13 4.95E-15 5.36E-16 5.36E-16 8.79E-17 8.92E-11 1.11E-12 1.17E-13 4.95E-15 5.36E-16 1.38E-17 8.92E-12 1.38E-17 8.92E-12 1.38E-17 8.92E-17 1.38E-17 8.92E-17 1.38E-17 8.92E-17 1.38E-17 1.33E-17 | Chrysene Chrysene 2.85E-10 2.99E-11 1.27E-12 1.38E-13 8.79E-12 8.92E-12 Elucranthene 2.85E-09 2.99E-10 1.27E-11 1.38E-12 8.79E-11 8.92E-11 Elucranthene 2.85E-09 2.99E-10 1.27E-11 1.38E-12 8.79E-11 8.92E-11 Elucranthene 2.85E-09 2.99E-10 1.27E-12 1.38E-12 8.79E-11 8.92E-11 Elucranthene 2.85E-10 2.99E-10 1.27E-12 1.38E-13 8.79E-12 8.92E-12 I.11E-12 1.17E-13 4.95E-15 5.36E-16 3.47E-14 3.47E-14 Phenot 7.06E-13 7.41E-14 3.15E-15 3.41E-16 2.18E-14 Phenot 7.06E-13 7.41E-14 3.15E-15 1.69E-13 1.08E-11 1.10E-11 Phenot 3.50E-10 3.67E-11 1.56E-12 1.69E-13 1.08E-11 1.10E-11 Phenot 3.21E-10 3.28E-09 NA | Chrysene Dibenzo Chrysene Chrys | Chrysene 2.85E-10 2.99E-11 1.27E-12 1.38E-13 8.79E-12 8.92E-12 1.20e-12 1.20e-12 1.38E-13 8.79E-12 8.92E-11 1.27E-14 1.38E-12 8.79E-11 8.92E-11 1.27E-14 1.38E-12 8.79E-11 8.92E-11 1.27E-14 1.38E-12 8.79E-14 8.92E-12 1.38E-13 8.79E-12 1.38E-14 3.42E-14 1.08E-11 1.0 | Chrysene 2.85E-10 2.99E-11 1.27E-12 1.38E-13 8.79E-12 8.92E-12 1.58E-12 1.38E-13 8.79E-11 8.92E-11 1.58E-12 1.38E-12 8.79E-11 8.92E-11 1.38E-12 8.79E-11 8.92E-11 1.38E-12 8.79E-12 1.38E-12 8.79E-12 1.38E-13 8.79E-12 8.92E-11 1.27E-13 1.28E-13 8.79E-12 8.92E-11 1.27E-13 1.28E-13 8.79E-12 8.92E-11 1.27E-13 1.28E-13 8.79E-12 8.92E-12 1.38E-13 8.79E-12 8.92E-12 1.38E-13 8.79E-12 1.38E-13 1.33E-14 1.3 | Chrysene 2.85E-10 2.99E-11 1.27E-12 1.38E-13 8.79E-12 8.92E-12 1.28E-12 1.38E-12 8.79E-11 1.38E-12 8.79E-11 1.38E-12 8.79E-11 1.38E-12 8.79E-11 1.38E-12 1.38E-12 8.79E-11 1.38E-12 1.38E-12 8.79E-11 8.92E-11 1.27E-11 1.38E-12 1.38E-12 8.79E-12 8.92E-11 1.38E-13 1.38E-13 8.79E-12 8.79E-12 1.38E-13 1.38E-13 8.79E-12 8.92E-11 1.38E-14 1.38E-15 1.38E-15 1.38E-15 1.38E-16 1.38E-16 1.38E-16 1.38E-16 1.38E-17 1.38E-16 1.38E-17 1.38E-16 1.38E-17 1.38E-17 1.38E-18 1.38E-17 1.38E-18 1.3 | Chrysene Dibenzo(==1) anthracene 2.85E-10 2.99E-11 1.27E-12 1.38E-13 8.79E-12 8.79E-12 Pibenzo(==1) anthracene 2.85E-09 2.99E-10 1.27E-11 1.38E-12 8.79E-11 8.92E-11 1.38E-12 Phenanthrene 2.85E-09 2.99E-10 1.27E-12 1.38E-13 8.79E-12 8.79E-11 Phenanthrene 2.85E-09 2.99E-10 1.27E-12 1.38E-13 8.79E-14 8.92E-11 1.77E-13 1.77E-13 1.77E-14 1.77E-14 1.77E-15 1.38E-16 3.42E-14 3.47E-14 1.77E-14 1.77E-15 1.38E-16 1.77E-10 1.77E-17 1 | Chrysene 2.85E-10 2.99E-11 1.27E-12 1.38E-12 8.79E-12 8.92E-12 Eluoranthane 2.85E-09 2.99E-10 1.27E-11 1.38E-12 8.79E-11 8.92E-11 Eluoranthane 2.85E-09 2.99E-10 1.27E-11 1.38E-12 8.79E-11 8.92E-11 Eluoranthane 2.85E-10 2.99E-10 1.27E-12 1.38E-12 8.79E-11 8.92E-11 Eluoranthane 2.85E-10 2.99E-10 1.27E-12 1.38E-12 8.79E-11 8.92E-11 Eluoranthane 2.85E-10 2.99E-10 1.27E-12 1.38E-12 8.79E-11 8.92E-11 Eluoranthrane 2.85E-10 2.99E-10 1.27E-12 1.38E-13 8.79E-12 1.78E-10 2.9E-11 1.75E-12 1.38E-13 1.75E-14 3.47E-14 3.47E-14 3.47E-14 3.47E-14 3.47E-14 3.47E-14 3.47E-14 3.47E-14 3.50E-10 3.67E-11 1.56E-12 1.69E-13 1.08E-11 1.00E-11 1.69E-13 1.00E-11 1.00E-11 1.60E-11 1.60E-11 1.60E-11 1.00E-11 1.60E-12 1.69E-13 1.00E-11 1.00E-11 1.60E-12 1.60E-13 1.00E-11 1.00E-11 1.60E-13 1.00E-11 1.60E-12 1.60E-12 1.60E-13 1.00E-11 1.60E-13 1.00E-11 1.60E-12 1.60E-13 1.00E-11 1.60E-12 1.60E-13 1.00E-11 1.60E-13 1.00E-11 1.60E-13 1.00E-11 1.60E-13 1.60E-14 1.60E-14 1.00E-11 1.60E-14 1.60E- | Chrysene 2.85E-10 2.99E-11 1.27E-12 1.38E-12 8.79E-12 E.70E-12 E.70E-12 E.70E-13 E.70E-14 E.7 | Chrysene Disercol (1) anthracene Disercol (1) anthrace | Chrysene Case 0 2.85E-10 2.99E-11 1.27E-12 1.38E-13 8.79E-12 8.92E-12 1.28E-12 Elucranthene Case 0 2.99E-10 1.27E-11 1.38E-12 8.79E-11 8.92E-11 1.28E-12 1.38E-13 8.79E-13 8.92E-11 1.28E-12 1.38E-13 8.79E-13 8.92E-11 1.28E-13 8.79E-14 8.92E-11 1.28E-13 8.79E-14 8.92E-11 1.28E-14 8.79E-14 8.92E-11 1.28E-15 1.38E-15 8.79E-14 8.92E-11 1.28E-15 1.38E-15 1.38E-15 1.38E-16 1.38E-17 1.38E-16 1.38E-17 1.3 | Chrysene Chr | Chrysene Disease 2.85E-10 2.99E-11 1.27E-12 1.38E-12 8.79E-12 1.30E-12 1.50E-12 1.50E-12 1.30E-12 8.79E-11 1.27E-11 1.30E-12 8.79E-11 1.27E-12 1.30E-12 1.30E-13 1.30E-12 1.30E-13 1.30E-12 1.30E-13 1.30 | Chrysene Disperse Chrysere Chrysere Disperse Chrysere Disperse Chrysere Disperse Chrysere Disperse Chrysere Disperse Chrysere Chr | Chypsene 2.85E-10 2.99E-11 1.27E-12 1.38E-12 8.79E-12 8.92E-17 Fluoranthene 2.85E-09 2.99E-11 1.27E-12 1.38E-12 8.79E-12 8.92E-17 Fluoranthene 2.85E-09 2.99E-11 1.27E-12 1.38E-12 8.79E-11 8.92E-17 Pyrene 1.11E-12 1.17E-13 2.99E-11 2.95E-16 3.79E-16 3.79E-17 Pyrene 1.11E-12 1.17E-13 3.76E-16 3.76E-17 1.78E-17 1.78E-17 | Chypeane Dispersor (1) anthracene Dispersor (1 | Chrysene Chrysene C. 58E-10 2.99E-11 1.27E-12 1.38E-13 8.79E-12 8.92E-12 Fluorantene C. 58E-09 2.99E-10 1.27E-11 1.38E-12 8.79E-11 8.92E-11 1.38E-12 Phenatrhene C. 58E-09 2.99E-10 1.27E-11 1.38E-12 8.79E-11 8.92E-12 1.39E-13 Phenatrhene C. 58E-09 2.99E-10 1.27E-12 1.38E-13 8.79E-12 8.79E-12 8.79E-12 1.39E-13 8.79E-12 8.79E-12 1.39E-13 8.79E-12 8.79E-12 1.39E-13 8.79E-12 1.39E-13 8.79E-12 1.39E-13 8.79E-12 1.39E-13 8.79E-12 1.39E-13 8.79E-12 1.75E-13 1.39E-13 | Chrysene 2.88E-10 2.99E-11 1.27E-12 1.38E-13 8.78E-12 8.78E-12 8.78E-12 8.78E-11 8.78E-12 8.78E-11 8.28E-11 8.28E-11 8.28E-11 8.28E-11 8.28E-11 8.28E-11 8.28E-11 8.28E-12 8.28E-12 8.28E-13 8.78E-12 8.78E-12 8.78E-12 8.28E-13 8.78E-12 8.78E-12 8.78E-12 8.78E-12 8.78E-12 8.78E-12 8.78E-12 8.78E-13 8.78E-12 8.78E-12 8.78E-13 8.78E-13 8.78E-13 8.78E-13 8.78E-13 8.78E-14 8.78E-14 | Dispersor 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, | Dispersory Comparation C | Diberroce. 3) anthracene 2.85E-09 2.99E-10 1.27E-12 1.38E-13 8.77E-12 8.97E-17 1.28E-17 1.27E-17 1.38E-12 8.77E-17 1.38E-12 8.77E-17 1.38E-12 8.77E-17 1.38E-13 8.77E-17 1.38E-13 8.77E-17 1.38E-17 1.38E-17 8.77E-17 1.38E-17 8.77E-17 1.38E-17 1.38E | Dispuse | Dibenzot: i) anthracene 2.85: 10 2.99: 11 1.27E-11 1.38E-12 8.79E-12 8.99: 11 1.97E-12 1.38E-13 8.79E-12 8.99: 11 1.97E-11 1.38E-13 8.79E-13 8.99: 11 1.97E-11 1.38E-13 8.79E-13 8.99: 11 1.97E-13 1.98E-13 8.79E-14 8.92E-11 1.98E-13 8.79E-14 8.92E-11 1.98E-13 8.79E-14 8.92E-11 1.98E-13 8.79E-14 8.92E-11 1.98E-13 8.79E-15 8.79E-14 8.92E-11 1.78E-13 8.79E-14 8.92E-14 8.92E- | Christian | Christian | Comparison Com |

1.28E-15	18-Jun-91 15:34:28 WORKER								
1.29E-15 1.39E-15 1.00E+00 1.00E+		INHALATION EXPOSURE (mg/Kg/day)	VEGETABLE EXPOSURE (mg/Kg/day)	MILK EXPOSURE (mg/Kg/day)	BEEF EXPOSURE (mg/Kg/day)	SOIL/DUST EXPOSURE (mg/Kg/day)	FISH CONSUMPTION (mg/Kg/day)	DERMAL EXPOSURE (mg/Kg/day)	TOTAL (mg/Kg/day)
1.77E-15									
1.28E-18 0.00E+00 0.00E+00 0.00E+00 0.09E+01 0.09E+01 0.00E+00 0.0	one	1.29E-15	NA OCTO	NA	NA	Ž,	NA	NA	1.29E-
1.82E-16 0.00E+00 0.0	Conitrile	4.986-13	O.UCE+UU NA	U. UUE+UU	0.00E+00	196	0.00E+00	1.296-14	
\$ 5.59E-14 0.00E-00 0	Aldrin	1.82E-18	0.00E+00	0.00F+00	O DOF+DO	0 62E-21	0 00E+00	2 00E-20	
3.00E+16 0.00E+00 0.00E+00 0.00E+00 2.55E+18 0.00E+00 4,48E+18 1.46E+13 0.00E+00 0.0	ine	6.59E-14	0.00E+00	0.00E+00	0.000+00	3.48E-16	0	7.24E-16	- 😮
3.77E-14 0.00E+00 0.00E+00 0.00E+00 1.59E-16 0.00E+00 3.30E-16 1.46E-13 0.00E+00 0.0	zine	4.07E-16	0.00E+00	0.00E+00	0.00E+00	2.15E-18	0	4.48E-18	
1.47E-16 0.00E+00 0.00E+00 0.00E+00 7.7ZE-16 0.00E+00 1.60E-15 0.00E+00 0.0	aldenyde	3.00E-14	0.00E+00	0.00E+00	0.00E+00	1.59E-16	0	3.30E-16	3.05E-
1.47E 14 0.00E+00 0.00E+00 0.00E+00 7.77E-17 0.00E+00 1.50E-15 0.00E+00 0.0	of in	3. (/E-10	NA O	NA O	NA.	NA	NA.	¥.	3.77E-
1.22E-19 1.37E-16 1.00E+00 1.0	טוֹנים אָניִם	1 /75-1/	0.005+00	0.00E+00	0.00E+00	7.72E-16	0.00E+00	1.60E-15	1.48E-
1.37E-16 0.00E+00 0.00E+00 0.00E+00 7.23E-19 0.00E+00 1.55E-19 1.00E+00 1.00E+10 1.0	poitrile	7 21E-14	0.005+00	0.005+00	0.00E+00	7.7/E-17	0.005+00	1.62E-16	1.49E-
1.47E-13	othiazole	1.37E-16	0.00E+00	0-005+00	0.00=+00	245	0.005+00	3.55E-15	3.26E-
1.91E-15	enyl	1.47E-13	NA	NA	NA	NA	NA	NA NA	1 675
6.58E-16 0.00E+00 0.00E+00 0.00E+00 3.48E-18 0.00E+00 7.24E-18 NA	2-ethylhexyl)phthalate	8.07E-17	0.005+00	0.00E+00	0.00E+00	4.27E-19	0.00E+00	8.87E-19	8.20E-
1.57E-15 NA	azole	6.59E-16	0.00E+00	0.00E+00	0.00E+00	3.48E-18	0.00E+00	7.24E-18	6.69E-
9.29E-17 0.00E+00 0.00E+00 1.99E-19 0.00E+00 4.15E-19 0.00E+01 1.02E-18 0.00E+01 0.00E+00 0.0	on letrachloride	1.97E-15	NA .	W	NA	AN	NA	NA	1.91E-
9.29E-17 0.00E+00 0.0	robenzene	0.06E-17	0.00E+00	0.005+00	0.00E+00	1.99E-19	0.00E+00	4.15E-19	3.83E-
4.67E-18 0.00E+00 0.00E+00 0.00E+00 1.76E-17 0.00E+00 5.14E-20 1.00E+00 0.00E+00 0.00E+00 1.76E-17 0.00E+00 3.66E-17 0.00E+00 0.00E+00 0.00E+00 1.78E-18 0.00E+00 0.00E+00 0.00E+00 1.78E-18 0.00E+00 3.71E-18 0.00E+00 0.00E+00 0.00E+00 1.77E-20 0.00E+00 3.71E-18 0.00E+00 0.00E+00 0.00E+00 1.77E-20 0.00E+00 3.67E-20 1.76E-17 0.00E+00 0.0	lorobiphenyl	9.29E-17	0.00F+00	0.005+00	0 005+00	/ 01E-10	NA O ODEADO	1 02E-18	9.06E-
3.33E-15 0.00E+00 0.00E+00 0.00E+00 1.76E-17 0.00E+00 3.66E-17 0.00E+00 3.66E-17 0.00E+00 0.00E+00 0.00E+00 1.55E-17 0.00E+00 3.22E-17 0.00E+00 3.22E-17 0.00E+00 3.22E-17 0.00E+00 3.22E-17 0.00E+00 0.00E+00 0.00E+00 1.78E-18 0.00E+00 0.00E+00 1.78E-18 0.00E+00 0.00E+00 1.78E-18 0.00E+00 0.00E+00 1.78E-18 0.00E+00 0.00E+00 1.77E-20 0.00E+00 3.77E-18 0.00E+00 0.00E+00 1.77E-20 0.00E+00 3.67E-20 1.76E-20 0.00E+00 0.00E+00 0.00E+00 1.77E-20 0.00E+00 1.71E-17 1.14E-11 0.00E+00 0.0	Chlorobiphenyl	4.67E-18	0.00E+00	0,00E+00	0-00E+00	2.47F-20	0.00E+00	5 14F-20	4 75E
1.62E-14 NA NA NA NA NA NA NA NA NA N	roethane	3.33E-15	0.00E+00	0.00E+00	0.00E+00	1.76E-17	0.00E+00	3.66E-17	3.38F
2.38E-15 0.00E+00 0.00E+	rotorm	1.62E-14	NA	NA	AN	NA	NA	N	1.62E-
2.37E-15 NA	nzoturan Jorobenzenes (total)	2.95E-15	0.00E+00	0.00E+00	0.00E+00	•	0.00E+00		2.98E-
1.08E-15 NA	4-Dichlorohenzene	2 385.17	Z Z	Z :	¥:	Y.	A.	Y.	3.77E-1
3.37E-16	Jichloroethane	1.08E-15	Z Z	Z	Z Z	Z Z	KY.	Z Z	Z.38E-1
5.77E-16 NA	Jichloroethane	3.37E-16	0-00E+00	O DOF+ON	0 005+00	785	O ODETOO	Z 715-19	1.08E-1
4.99E-16 NA	1,1-Dichloroethene	5.77E-16	NA	NA	NA	NA	NA NA	NA NA	5 776-1
2.14E-16 NA	ichloroethene	4.99E-16	AN	NA	Ä	AN	Ā	NA.	4.99E-1
3.54E-18 0.00E+00 0.00E+00 0.00E+00 1.77E-20 0.00E+00 3.67E-20 0.00E+00 0.0	Jichloropropane	2.14E-16	NA	NA	NA	NA	NA	AN	2.14E-1
8.83E-15 0.00E+00 0.00E+00 0.00E+00 4.67E-17 0.00E+00 9.71E-17 1.4E-11 0.00E+00 0.00E+00 0.00E+00 6.00E+00 6.00E+00 1.25E-13 1.55E-18 0.00E+00 0.00E+00 0.00E+00 6.00E+00 1.71E-20 1.25E-18 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.71E-20 0.00E+00 1.71E-20 1.71	11 TH THY AT STILL 6: 40	5.54E-78	0.00E+00	0.00E+00	0.00E+00	1.77E-20	0.00E+00	3.67E-20	3.39E-1
1.45E-14 0.00E+00 0.0	th orohenzene	8 875-15	AN O	NA CO		NA.	NA		9.17E-1
loride 4.58E-18 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.75E-13 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.75E-13 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.75E-20 0.00E+00 1.75E-20 0.00E+00 1.77E-20 0.00E+00 0.00E	27 îne	1 1/6-11	0.00	0.00=+00	0.00E+00	4-6/E-1/	0.00E+00	9.71E-17	8.97E-1
4.48E-18 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.7TE-20 0.00E+00 1.7TE-18 0.00E+00 1.7TE-18 0.00E+00 1.7TE-18 0.00E+00 1.7TE-18 0.00E+00 1.7TE-18 0.00E+00 1.7TE-19 0.00E+00 1.7	200	1 556-18	0.00	001100	0.00=+00	0.03E-14	0.00E+00	1.25E-15	1.16E-1
4.48E-16 NA	hion	4. 58E-18	0.00=00	0.00=+00	0.00=+00	8.20E-21	0.00E+00	1.71E-20	1.58E-1
2.70E-14 NA	A chloride	4.48F-16	NA NA	NA COLLAND	0.00=+00	Z-42E-20	0.00E+00	5.04E-20	4.00E-7
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6.06E-17 0.00E+00 0.00E+00 0.00E+00 3.21E-19 0.00E+00 6.67E-19 3.21E-13 0.00E+00 0.00E+00 0.00E+00 1.70E-15 0.00E+00 3.53E-15 3.66E-15 0.00E+00 0.00E+00 0.00E+00 1.93E-17 0.00E+00 4.02E-17 1.46E-14 0.00E+00 0.00E+00 0.00E+00 7.72E-17 0.00E+00 1.60E-16	methyl hydrazine	3.60E-12	0.00E+00	0.00E+00	0.00E+00	1 OUE- 14	0 00E+00	3 OKE-14	7 45E-1
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3.66E-15 0.00E+00 0.00E+00 0.00E+00 1.93E-17 0.00E+00 4.02E-17 1.46E-14 0.00E+00 0.00E+00 0.00E+00 7.72E-17 0.00E+00 1.60E-16	halene carbonitrile	3.21E-13	0.00E+00	0.00E+00	0.00E+00	1.70E-15	0.00E+00	3, 52F - 15	3 26F-1
1,46E-14 0,00E+00 0,00E+00 0,00E+00 7,72E-17 0,00E+00 1,60E-16	rosodimethylamine	3.66E-15	0.00E+00	0.00E+00	0.00E+00	1.93E-17	0.00E+00	4.02E-17	3.72E-1
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THE PERSON OF TH	Acenaphthene	1.405-14	0.005+00	0.00E+00	0.00E+00	7.72E-17	0.00E+00	1.60E-16	1.48E-14

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7.25E-18 0.00E+00 0.00E+00 0.00E+00 0.00E+00 7.98E-20 7.57E- 7.45E-18 0.00E+00 0.00E	7.25E-18 0.00E+00 0.0			5.86E-14	0.00E+00	0.00E+00	0.00E+00	3.10E-16	0.00E+00	6.44E-16	5.95E-14
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3.30E-15 0.00E+00 0.00E+00 0.00E+00 1.74E-17 0.00E+00 3.63E-17 1.77E-15 0.00E+00 0.00E+00 0.00E+00 0.35E-18 NA	3.362-15 0.00E+00 0.00E+00 0.00E+00 1.74E-17 0.00E+00 3.63E-17			3.21E-13	NA	NA	NA	NA	NA	AN	3,21E-13
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6.17E-17 NA	6.17E-17 8. MA 8. 9.5E-16 8. 0.00E+00 8. 0.00E+00 8. 0.00E+00 8. 0.00E+00 8. 0.00E+00 8. 0.00E+00 9. 0.00E+00 1. 56E-13 2. 3. 5E-19 8. 3. 77E-16 8. MA 8. 0.00E+00 8. 0.00E+00 8. 0.00E+00 9. 0.00E+00 1. 56E-13 1. 56E-14 1. 56E-14 1. 56E-15 1.	openzent	<i>p</i> .	1.77E-15	0.00E+00	0.00=00	0 00=+00	0 355-18	NA	1 94F-17	1 80F-15
9.84E-16 NA	9.84E-16 8.84E-16 8.95E-16 8.95E-17 8.90E+00 8.95E-19 8.95E-19 8.90E+00 8.90E+15 8.90E+17 8.90E+15 8.90E+10 8.90E+	oethene		6-17F-17	NA	NA	NA	NA	NA.		
8.95E-16 0.00E+00 0.00E+00 0.00E+00 4.73E-18 0.00E+00 9.84E-18 NA	8.95E-16 0.00E+00 0.00E+00 0.00E+00 4.75E-18 0.00E+00 9.84E-18 0.00E+00 0.0			9.84F-16	V N	Z AN	Y N	C N	MA	4	
5.59E-16 0.00E+00 0.00E+00 0.00E+00 1.52E-19 0.00E+00 1.56E-13 0.00E+00 0.00E+00 0.00E+00 1.52E-19 0.00E+00 1.56E-13 0.00E+00 0.00E+00 0.00E+00 1.52E-19 0.00E+00 1.56E-13 0.00E+00 0.00E+00 0.00E+00 1.5EE-19 0.00E+19 0.00E+19 0.00E+19 0.00E+19 0.00E+19 0.00E+19 0.0	6.59E-16 NA	enzene		R 05E-16	ט טטבדטט ט	ט טטביטט	00000	725		0 0/2.10	
3.86E-17 0.00E+00 0.00E+00 0.00E+00 7.50E-14 0.00E+00 1.56E-13 7.7E-16 NA	1.42E-11 0.00E+00 0.00E+00 0.00E+00 1.52E-19 0.00E+00 1.5E-19 2.87E-17 0.00E+00 0.00E+00 0.00E+00 1.52E-19 0.00E+00 3.15E-19 4.07E-16 NA	thene		6.50F-16	NA NA	NA NA	NA NA	NA NA		7.04E-10	6 50E-16
2.87E-17 0.00E+00 0.00E+00 1.52E-19 0.00E+00 3.15E-19 0.00E+01 1.52E-19 0.00E+00 3.15E-19 0.00E+01 1.52E-19 0.00E+01 3.15E-19 0.00E+01 0.0	2.87E-17 0.00E+00 0.00E+00 1.52E-19 0.00E+00 3.15E-19 0.00E+00 3.15E-19 0.00E+00 3.15E-19 0.00E+00 3.77E-16 NA	ethyl hy	drazine	1 42F-11	ט טובידטט ט	00000		Z DE	ט טעדייטט ט	1 545-12	1 445-11
4.07E-16 NA	4.07E-16 NA			2 875-17	00-100	001000		100	00-100-0		2 045 47
3.77E-16 NA	3.86E-13 0.00E+00 0.00E+00 0.00E+00 2.04E-15 0.00E+00 4.25E-16 2.26E-15 0.00E+00 0.00E+00 0.00E+00 1.18E-17 NA	ate		6.07E-16	O.OE-OO	00-00-0		1.326-19	00.00		2.7 IE- 11
3.86E-17 NA	3.86E-13 0.00E+00 0.00E+00 0.00E+00 2.04E-15 0.00E+00 4.25E-16 2.24E-15 0.00E+00 0.00E+00 0.00E+00 1.18E-17 NA	opi.io		7 775-16	¥ =	¥.	Y.	K.	¥.	A .	4.U/E-10
3.86E-13 0.00E+00 0.00E+00 0.00E+00 2.04E-15 0.00E+00 4.25E-16 2.24E-15 0.00E+00 0.00E+00 0.00E+00 1.18E-17 NA 2.46E-18 9.92E-15 NA	3.86E-13 0.00E+00 0.00E+00 0.00E+00 2.04E-15 0.00E+00 4.25E-16 2.24E-15 0.00E+00 0.00E+00 0.00E+00 1.18E-17 NA 2.46E-18 3.29E-15 NA	otal)		7 075-17	Z Z	Z Z	Z :	Z Z	Y Y	Z S	3. (/E-10
3.86E-13 0.00E+00 0.00E+00 0.00E+00 2.04E-15 0.00E+00 4.25E-16 2.24E-15 0.00E+00 0.00E+00 1.18E-17 NA 2.46E-18 3.49E-15 NA	3.86E-13 0.00E+00 0.00E+00 0.00E+00 2.04E-15 0.00E+00 4.25E-16 2.24E-15 0.00E+00 0.00E+00 0.00E+00 1.18E-17 NA 2.46E-18 3.49E-15 NA					4	5	5	¥.	4	1.00F
3.86E-13 0.00E+00 0.00E+00 2.04E-15 0.00E+00 4.25E-16 2.24E-15 0.00E+00 0.00E+00 1.18E-17 NA 2.46E-18 3.49E-15 NA	3.86E-13 0.00E+00 0.00E+00 0.00E+00 2.04E-15 0.00E+00 4.25E-16 2.24E-15 0.00E+00 0.00E+00 0.00E+00 1.18E-17 NA 2.46E-18 3.49E-15 NA										
2.24E-15 0.00E+00 0.00E+00 1.18E-17 NA 2.46E-18 NA	2.24E-15 0.00E+00 0.00E+00 1.18E-17 NA 2.46E-18 3.99E-15 NA			3.86E-13	0.00E+00	0.00E+00	0.00E+00	2.04E-15	0.00E+00	4.25E-16	3.89E-13
9.92E-15 NA	9.92E-15 NA	1		2.24E-15	0.00E+00	0.00E+00	0.00E+00	1.18E-17	NA	2.46E-18	2.25E-15
3.49E-16 NA	3.49E-16 NA	(111)		9.92E-15	NA A	NA NA	AN	NA	NA	NA	9.92E-15
NA NA NA NA 0.00E+00 NA	1.47E-14 NA	VI)		3.49E-16	N.	A.	AN	AN	AN	NA	3.49E-16
NA N	3.57E-10 NA NA NA NA NA NA NA NA NA N			1-47E-14	A	NA	MM	N	0 005+00	NA	1 47E-14
NA N	1.45E-14 NA NA NA NA NA NA NA NA 1.59E-17 4.39E-14 NA			Z 57E-10	V 1		411	41	00.700.0	2 2	7 27 7
0.00E+00 0.00E+00 0.00E+00 7.66E-17 NA 1.59E-17 1 NA	1.45E-14 0.00E+00 0.00E+00 0.00E+00 7.66E-17 NA 1.59E-17 4.39E-17 NA			1 755-16	¥ 5	2 4	¥ 2	X X X	X X X	42	75
U.UCE+UU U.UCE+UU /.65E-1/ NA 1.59E-1/ NA N	1.15E-14 0.00E+00 0.0			# - UC+ - 7		NA COLL			¥ :	٠	
NA N	1.15E-14 NA NA NA NA NA NA NA 1.15E-15 NA			1.405 /		U. UUE+UU	•		Y.		1.46E-14
NA N	1.15E-13 NA NA NA NA NA NA 1.15E-13 NA NA NA 0.00E+00 NA 1.15E-13 NA NA NA 0.00E+00 NA 1.15E-13 NA			2 2001 4	Y.	AN	Y.	¥.	Y.	AN :	4.39E-14
NA NA O.OOE+OO NA 1	1.15E-15 NA NA NA 0.00E+00 NA 1.15E-15 NA NA 0.00E+00 NA 1.15E-15 NA NA 0.00E+00 NA NA 0.00E+00 NA NA 0.00E+00 NA NA 0.00E+00 NA			2.00E-10	A.	NA	Z.	A.	NA.	AN	Z.00E-16
	10 M3/day D*AT* 70 Kg 250 days/yr 365000 (1000 ug/mg)*(365 day/yr) AC = ER			1.136-13	Y.	ď Z	Y.	Š	0.00E+00	Y.	1.15E-13
	70 Kg 250 days/yr 365000 (1000 ug/mg)*(365 day/yr) AC = ER			p.		5/day		D*AT*1000			
10 M3/day	250 days/yr 365000 (1000 ug/mg)*(365 day/yr) AC = ER			MQ							
10 M3/day 70 Kg	365000 (1000 ug/mg)*(365 day/yr) AC = ER			ef.	250 de	ys/yr		SD*BD			
10 M3/day 70 Kg 250 days/yr	AC = ER			c t	365000 (1	1000 ng/mg)*(3					
10 M3/day D*AT* 70 Kg 250 days/yr 365000 (1000 ug/mg)*(365 day/yr)							¥	II E			

 117 B	F89	¥	8	×
 118 BASE CASE	TABLE 15			i
178 INORGANICS				
	1.56E-09	2.01E-14	1.58E-09	2.04F-14
	9.05E-12	1.17E-16	9.18E-12	1.18F-16
181 Mercury	5.85E-11	7.55E-16	5.04F-11	7. 66F-16
				200
183				
184				
185				
186				
187				
188	0.2 \$0	oil/dust inges	stion rate (a	(dav)
189	15.5 8	ody weight (Ko	(0)	. /
190	365 de	BVS/VF		
191	365000 9	5000 a/Ka*dav/vr		
192		Maria Curi		
193	EDI = Csoi[*SIR*EF/BW/CF	R*EF/BW/CF		

S. S	MEDI ESTIMATED DAILY INTAKE mg/Kg/day	23.86. 23.86. 24.88. 25.38. 26.66.	8.30E-14 1.68E-19
80	C Soil CALCULATED E CALCULATED E CONC IN SOIL .1M m	4.80E-09 7.45E-15 1.67E-10 6.02E-11 1.31E-09 5.06E-13 3.31E-13 1.92E-14 1.36E-11	5.81E-08 1.17E-13
BP ADULT	EDI ESTIMATED DAILY INTAKE mg/Kg/day	6.76e-15 1.05e-20 3.80e-16 8.42e-16 1.85e-19 7.89e-19 7.89e-19 5.36e-19 5.36e-19 5.36e-19 5.09e-17 1.69e-17 1.69e-17 1.69e-17 1.69e-17 1.69e-17 1.69e-17 1.69e-17 1.69e-17 1.69e-17 1.69e-17 1.69e-17 1.69e-17 1.69e-17	8.18E-14
BO BP TABLE 16 SOIL INGESTION ADULT	CALCULATED EST CONC IN D SOIL IN M9/I	7.35E-19 7.35E-19 7.35E-19 7.35E-19 7.96E-10 7.96E-10 7.96E-10 7.52E-13 7.52E-13 7.52E-13 7.52E-13 7.52E-13 7.52E-13 7.52E-13 7.52E-13 7.52E-13 7.52E-13 7.52E-13 7.52E-13 7.52E-14 7.63E-11 7.63E-11 7.63E-11 7.63E-11 7.63E-11 7.63E-11 7.63E-11 7.63E-11 7.63E-11 7.63E-11 7.63E-11 7.63E-11 7.63E-11 7.63E-11 7.63E-11 7.63E-11 7.63E-11 7.63E-11	
	18-Jun-91 15:15:33	trile ine ine racene	21112
ပ		nitrile no no no no cle clehyde furan ic Acid infirile thiazole ethylhexyl)phthala cole oroaniline nobiphenyl lorobiphenyl in ochloroethane in chloroethane in ethyl ketone ylphenol thyl ketone ethyl ketone sodimethylamine alene alene alene alene carbonitrile sosodimethylamine alene alene alene alene alene alene carbonitrile orodimethylamine naphthene orobenzene orobenzene in lorobenzene in lorobenzene in lorobenzene li orobenzene orobenzene dimethyl hydrazine alene alene alene alene alene ino lorobenzene lorobenzene dimethyl hydrazine anthrene	×4 ×4.
BASE CASE	. (Acetonitrile Addrin Aldrin Aniline Arrazine Benzaldehyde Benzofuran Benzothiazole Bis(2-ethylhexyl)phthalate Carbazole 4-Chlorobiphenyl Chlorobiphenyl Chlorobiphenyl Chlorobiphenyl Chlorocthane Dibenzofuran 1,2-Dichlorocthane Dieldrin Hexachlorocthane Dieldrin A-Chlorocthane Dieldrin Hexachlorocthane Dieldrin Hexachlorocthane Algenzofuran 1,2-Dichlorocthane Dieldrin Hexachlorochane Dieldrin Hexachlorochane A-Chlorocthane Dieldrin Hexachlorochane Hydrazine Lindane Malathion Methyl ethyl ketone Hydrazine Lindane Mathyl ethyl ketone Hydrazine Naphthalene Chlorochane Methyl ethyl ketone Hydrazine Naphthalene Acenaphthalene Benzo(a)pyrene Chrysene Dibenzo(a)pyrene Fluoranthene Fluoranthene Fluoranthene Phenal Phenal Ouinoline Trichlorobenzene	Vapona
m		989	>
118 119 120 120 121	123 124 125 125 127 128	133 132 132 132 132 132 132 133 133 133	92

,	EDI MAXIMUM ESTIMATED DAILY INTAKE mg/Kg/day		1 315-14	03E-20	7.35E-16	.54E-18	.35E-16	.63E-15	.64E-16	58E-15	52E-18	7 ZEF 19	215.10	0/11/10	22E-20	71E-17	27E-17	3.76E-18	73E-20	85E-17	27E-13	73E-20	11E-20	6.32E-18	015-10	6.76E-19	58E-15	08E-17	/32 4/	1.03E-10	275-16	3 27E-17	275-16	27F-16	27F-17	27E-10	6.54F-16	8 00E-20	4.01E-17	6.42E-19	3.68E-17	1.97E-17	99E-18	1.58E-13	20E-19
																													•	-,-															
	EDI AVERAGE ESTIMATED DAILY INTAKE mg/Kg/day		1 205-14	2.00E-20	7.24E-16	4.48E-18	3.30E-16	1.60E-15	1.62E-16	3.53E-15	1.5UE-18	7 2/E-19	/ 155-10	1 025-18	5 14F-20	3.66E-17	3.22E-17	3.71E-18	3.67E-20	9.71E-17	1.25E-13	1.71E-20	5.04E-20	6.23E-18	3 06E-16	6.67E-19	3.53E-15	4.02E-17	107 4	1 605-16	Z 22E-16	3 22F-17	3 22E-16	3.22E-16	3.22F-17	1.25F-19	6.44F-16	7 98F-20	3.96E-17	6.33E-19	3.63E-17	1.94E-17	9.84E-18	1.56E-13	3,15E-19
	AF ABSORPTION FACTOR		1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1002-01	100-101	1 00F-01	1 OOE-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.005-01	1005-01	1.005-01	1.00E-01	1.00E-01	1.00E-01	1 000	1.00E-01	1 00 - 01	1.00E-01	1.00F-01	1,00E-01	1.00E-01	1.00E-01	1.00E-01	1.00F-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01
RE ADULT	C soil MAXIMUM CALCULATED CONC IN SOIL .2M mg/Kg		3.57E-09	5.54E-15	2.01E-10	1.24E-12	9.14E-11	4-44E-10	4.48E-11	7.1/E-10	9 .4E-12	2 01E-12	1.15F-13	2.83F-13	1.42E-14	1.016-11	8.92E-12	1.03E-12	1.02E-14	2.69E-11	3.47E-08	4.75E-15	1 725 12	1 56F-12	1,10F-08	1.85E-13	9.77E-10	1.11E-11	6 66E-11	4.44E-11	8.02F-11	8.92E-12	8.92E-11	8.92E-11	8.92E-12	3.47E-14	1.78E-10	2.21E-14	1.106-11	1.75E-13	1.00E-11	5.38E-12	2.73E-12	4-32E-08	8. 73E-14
TABLE 5 DERMAL EXPOSURE ADULT	C soil AVERAGE CALCULATED CONC IN SOIL .2M		3.52E-09	5.46E-15	1.98E-10	1.22E-12	9.01E-11	4.58E-10	4.41E-11	7.03E-10	2 4.25.12	1.98F-12	1,13E-13	2.79E-13	1.40E-14	1.00E-11	8.79E-12	1.01E-12	1.00E-14	2.65E-11	3.42E-08	1 205-12	1 705-12	1.54F-12	1.08E-08	1.82E-13	9.63E-10	1.10E-11	4 3RF-11	4.38E-11	8.79E-11	8.79E-12	8.79E-11	8.79E-11	8.79E-12	3.42E-14	1.76E-10	2.18E-14	1.08E-11	1.73E-13	9.90E-12	5.31E-12	2.69E-12	4.26E-08	8.61E-14
	18-Jun-91 15:34:31										hthalate														Je		trile	nne					racene											razine	
			ø				<u>o</u>	7	5 0	, d	hexyl	de fue	line	henyl	iphenyl	· w	_	oethane		enzene			l keton	not	hydrazin		carbon	metnytar	and an	nene	oyrene		a,h)anth	ene		ene			enzene			enzene	izene	dimethyl hydrazine	
BASE CASE		ORGANICS	Acetonitrile	Aldrin	Aniline	Atrazine	Benzaldenyde	Benzoruran Penzoia Api	Benzon: trilo	Benzothiazola	Bis(2-ethylhexyl)nhthalate	Carbazole	4-Chloroaniline	4-Chlorobiphenyl	4,4-Chlorobiphenyl	Chloroethan	Dibenzofuran	1,2-Dichloroethane	Dieldrin	Hexachlorobenzene	Hydrazıne	Malathion	Methyl ethyl ketone	4-Methylphe	Monomethyl hydrazine	Naphthalene	Naphthalene carbonitrile	n-witrosogimetnytamine PAHs	Acenaphthalene	Acenaphthene	Benzo(a)pyrene	Chrysene	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Parathion	Pentachlorobenzene	Phenol	Quinoline	Tetrachlorobenzene	Trichlorobenzene	Unsym. dimet	Vapona
		ORGA																																							_				
288	287 288 289 289 291 292 293 293	295	297	298	662	200	100	202	202	502	306	307	308	309	310	21	312	513	214	2	10	2	0	50	121	25	52	325	26	27	28	53	30	31	32	33	34	35	36	37	38	39	40	17	74

	ပ	¥	_	Σ	z	0
BASE CASE		TABLE 5				
Arsenic		1.16E-09	1.18E-09	1.00E-02	4.25E-16	4.31E-16
Cadmium		6.73E-12	6.82E-12	1.00E-02	2.46E-18	2.50E-18
Mercury		4.35E-11	4.41E-11	1.00E-02	1.59E-17	1.62E-17
		195 1	Number of exposure events per vegr (events/vr)	sure events be	r year (event	
		3200	3200 Exposed surface area (cm2/event)	area (cm2/ev	'ent)	
		7.5	Skin adherence factor for soil	factor for so	il (mg/cm2)	SA
		-	Soil matrix fac	factor		S
		3 02	Body weight (Kg)	2		#B
		365 [Days/yr			DA
		10000001	mg/Kg			mgKg
		FDI = Cooil*A	# Cool + AF*CAF*FCA*NF*CA	*CME /BU/moka /DAVD	٥	

100		CARCINOGENIC	SLOPE FACTORS	((mg/kg-day)-1)
107		Inhalation	Oral	Dermal
	WORKER Base case	Factor	Factor	Factor
202				
	ORGANICS			
60	Acrylonitrile	2,40E-01	5.40E-01	NC.
25	Aldrin	1.70E+01	1.70E+01	3.40E+01
= 2	Anitine	5.70E-03	5.70E-03	1.14E-02
1 10	Bis(2-ethylhexyl)nhthalate	2.90E-UZ	2.90E-02	S SOF C
14	Carbazole	2.00E-02	2.00E-02	4.00F-02
15	Carbon Tetrachloride	1.30E-01	1.30E-01	NC OK
	Chloroform	8.10E-02	6.10E-03	2
72	1,4-Dichlorobenzene	2.40E-02	2.40E-02	SC
	1, 1-Dichloroethane	100	2010	
	1.1-Dichloroethene	1 20E+00	9.10E-02	1.82E-01
	1.2-Dichloropropane	4 ROE-02	6 80E-01	2 5
	Dieldrin	1.60E+01	1-60E+01	3,20F±01
	Hexachlorobenzene	1.60E+00	1.60E+00	3.20E+00
24	Hydrazine	1.71E+01	3.00E+00	6.00E+00
0 %	Lindane Mathall at 1 and 1	1.30E+00	1.30E+00	2.60E+00
27	Methylene chloride	6.30E-03	1.30E-02	2
28	4-Methylphenol	70-304-1	C0-30C-/	ž
59	Monomethyl hydrazine	1.10E+00	1.10E+00	2.20E+00
30	n-Nitrosodimethylamine	5.10E+01	5.10E+01	1.02E+02
23	PAHS			
32	Senzo(a)pyrene	6.10E+00	1.15E+01	2.30E+01
36	Dibenzo(a h)anthracena	6.10E+00	1.15E+01	2.30E+01
35	Parathion	0.105100	10.1361.1	2.30E+U!
136	Quinoline	1.20E+01	1.20E+01	2.40E+01
37	Tetrachloroethene	3,30E-03	5.10E-02	SC
28	Trichloroethene	1.10E-02	1.10E-02	NC
	Vapona	2.90E-01	2.90E-01	5.80E-01
141	vinyt chtoride	2.95E-01	2.30E+00	Ş
	INORGANICS			
143	Arsenic	1_50F+01	1 75F+00	3 50F±01
55	Cadmium	6.10E+00	NC ON	NC. O.
145	Chromium (VI)	4.10E+01	S S	S
146				
	lotal			
071				
20		AED A	Adult Exposure Duration	Duration
51			Child Inhalatio	Inhalation Duration
25			Infant Exposure	Exposure Duration

NAMERIE NAME	NUMBARIER NUMBARIER	WORKER HORKER CARCINOGENIC RISK BASE CASE CARC. INGESTION EXTREMENT INTERPRETARY INGESTION EXTREMENT INGESTION EXAMINED EXTREMENT INGESTION EXTREMENT INGESTION EXTREMENT INGESTION EXTREMENT ING	NUMBRER STATE ST	88		TABLE 7			
NUMBER N	NRMALATION SOIL/L/GARC, SOIL/L	NHALATION SOIL/DUST DECARC. SOIL/DUST DECARD. DECA	NHALATION SOIL/DUST DERMAL CARC. CARC. INGESTION EXPOSURE LANGE CARC.	888		WORKER CARCING	DGENIC RISK		
Name	ORGANICS	Marker M	Name	50		THALATION	TSHOV HOS	DERMAI	TOTA!
Action	Acrylonitrile Acrylonitrile Acrylonitrile Addrin Aldrin Bis(2-ethylhexyl)phthalate 3.12E-19 5.12E-19 5.12E-19 5.12E-19 6.19 6.19 1,4-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 2,37E-19 Amethylehenol Amethylehe	Acrylonitrile	## Action of the color of the c	03	WORKER Base case	CARC. RISK	INGESTION CARC.	EXPOSURE CARC.	LIFETIME CARC.
Acyclonitrile B 325-19 1.07E-17 B 1.0E-19 B 1.0E-20 Carbazole Acyclonitrile B 1.6E-19 A 1.6E-16 A 1.6E-16 A 1.6E-16 A 1.6E-16 A 1.6E-16 A 1.6E-16 B 1.6E-16 A 1.6E-16 A 1.6E-16 A 1.6E-16 B 1.6E-16 A 1.6E-16 A 1.6E-16 A 1.6E-16 A 1.6E-16 B 1.6E-16 A 1.6E-16	Acrylonitrile Acrylonitrile Acrylonitrile Aldrin Aldrin Aldrin Aldrin Aniline Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbazole Carbazole Carbazole Carbazole Carbazole Carbazole Carbazole 1,4-Dichloroethane 1,2-Dichloroethane 1,3-E-19 Nethylchool Nethylchool Nethylchool Nethylchool Nethylchool Nethylchool Nonomethyl hydrazine 1,35E-19 Nonomethyl hydrazine 2,36E-21 Nonomethyl hydrazine 2,36E-19 Nonomethyl hydrazine 2,36E-21 Nonomethyl hydrazine 2,36E-19 Nonomethyl hydr	Acrytonitrile Acrytonitrile Acrytonitrile Acrytonitrile Acrytonitrile Acrytonitrile Acrytonitrile Acrytonitrile B.35.2E-15 Acrytonitrile B.35.2E-19 B.35.2E-19 Acrytonitrile B.35.2E-19 B.35.2E-19 Acrytonitrile B.35.2E-19 B.36.2C-17 B.36.2C-17 B.36.2C-17 B.40.2Dichlorobenzene 1, 2-Dichloroctiane 1, 3-Dichloroctiane 2, 3-Be-17 3, 3-Be-17 4, 3	Acrylonitrile Acrylo	182			RISK	RISK	RISK
Action Actylonitrile 8.42E-15 NA NA Action Actylonitrile 8.83E-19 7.01E-20 2.91E-19 8.83E-19 7.01E-20 2.91E-19 8.82E-19 7.01E-20 2.91E-19 3.54E-18 NA NA Chloroform 7.10E-18 NA NA 1.4-Dichloroethane 7.10E-18 NA NA 1.4-Dichloroethane 8.76E-19 0.95E-20 1.26E-19 1.7-Dichloroethane 1.63E-20 NA NA 1.7-Dichloroethane 8.76E-19 0.95E-20 NA NA 1.7-Dichloroethane 1.98E-17 NA NA 1.7-Dichloroethane 1.98E-17 NA NA 1.7-Dichloroethane 1.05E-18 0.95E-20 2.89E-19 NA NA 1.7-Dichloroethane 1.05E-18 0.95E-19 0.95E-20 NA NA NA 1.7-Dichloroethane 1.05E-18 0.05E-19 0.95E-20 0.95E-19 0.95E-20 0.95E-19 0.95	Acrylonitrile Addrin Addrin Addrin Addrin Addrin Addrin Basse 19 Addrin Basse 19 Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbon Tetrachloride 1,4-Dichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenze	Acrylonitrile Aldrin Aldrin Aldrin Aldrin Aldrin Aldrin Aldrin Aldrin B.83E-19 Aldrin Benzene Bis(2-ethylhexyl)phthalate Carbazole Aldrin Aldrin	Action Action	80	ORGANICS				
Addrin Aldrin Aldrin Aldrin Bis(2-ethylhexyL)phthalate Bis(2-ethylhexyL)phthalate Carbazole Carbazole Carbazole Carbazole Carbazole Carbazole Carbazole Carbazole Carbazole 1, 4-Dichlorobenzene 1, 5-Dichlorocthane 1, 2-Dichlorocthane 1, 3-Dichlorocthane 2, 3-Dichlorocthane 3, 9-Dichlorocthane 2, 3-Dichlorocthane 3, 9-Dichlorocthane 2, 3-Dichlorocthane 3, 9-Dichlorocthane 3, 9-Dichl	Addrin Aniline Banzene Aniline Bronzene Bronzene Bronzene Carbazole Carbazole Carbon Tetrachloride 1,4-Dichloroetiane 1,2-Dichloroetiane 1,3-Dichloroetiane 1,3-Dichloroetiane 1,3-Dichloroetiane 1,3-Dichloroetiane 2,3-E-10 Nethylchen chloride Dibenzo(a,h)anthracene 1,13-13 Nethylchloroethene 2,10E-15 7,63 Chrysene Dibenzo(a,h)anthracene 1,13-13 Nethylchloroethene 1,13-15 Nethylchloroethene 2,07E-19 Nethylchloroethene 2,07E-19 Nethylchloroethene 2,07E-19 1,153 Arsenic Cadmium Chromium (VI) 1,0E-12 1,0E-13 1,53 Arsenic Cadmium Chromium (VI) 2,00E-12 1,00E-17	Aldrin Aldrin Antine Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Carbazole 1,4-Dichlorobenzene 1,2-Dichloroethane 1,3-Dichloroethane 2,3-Berzolapyrene 2,3-Berzolapyrene 2,3-Berzolapyrene 2,3-Berzolapyrene 2,10-Dichloroethane 2,3-Berzolapyrene 3,10-Dichloroethane 3,10-Dichloro	Addrin	60	Acrylonitrile	3.42E-15	AN	AN	3.42E-1
Aniline Benzel Carbatole	Aniline Benzene Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbon Tetrachloride 1,4-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 2,36-17 Nethylcheol Nethylcheol Nomomethyl hydrazine Nethylcheol Nomomethyl hydrazine 1,13-13 Benzo(a)pyrene Chrysene Chrysene Dibenzo(a,h)anthracene 5,10e-15 7,63 Chrysene Dibenzo(a,h)anthracene 1,13e-15 Nethylchloroethane 1,13e-15 Nethylchloroethane 1,13e-15 Nethylchloroethane 1,13e-15 Nethylchloroethane 2,36-17 Nethylchloroethane 1,13e-15 Nethylchloroethane 2,36-17 Nethylchloroethane 1,13e-15 Nethylchloroethane 1,13e-15 Nethylchloroethane 2,36-17 Nethylchloroethane 2,38e-17 Nethylchloroethane 1,13e-15 Nethylchloroethane 1,13e-15 Nethylchloroethane 1,13e-16 Nethylchloroethane 1,13e-16 Nethylchloroethane 1,13e-17 Nethylchloroethane 1,13e-17 Nethylchloroethane 1,13e-17 Nethylchloroethane 1,13e-17 Nethylchloroethane 1,13e-17 Nethylchlo	Aniline Aniline Burzene Burzene Carbazole Carbon Tetrachloride 1,2-0ichloroethane 1,3-10-10-10-10-10-10-10-10-10-10-10-10-10-	Anil ine Anil ine Banzene Anil ine Brizene Banzene Banzene Banzene Banzene Banzene Carbazole Carbazole Carbazole Carbon Tetrachloride 1, 4-Dichloroethane 1, 52-Dichloroethane 1, 2-Dichloroethane 1, 3-Berizol 1, 3-Be	9	Aldrin	8.83E-19	7.01E-20	2.91E-19	1.24E-1
Benzene Bis(2-ethylhexyl)phthalate Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbazole Carbazole Carbazole Carbazole Carbazole Carbazole 1,4-Dichlorocthane 1,2-Dichlorocthane 1,3-Dichlorocthane 1,3-	Benzene Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbazole Carbazole Carbon Trachloride 1,4-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 2,006-20 NE NE NE NE NE NE NE NE NE N	Benzene Benzene Bis(2-ethylhexyl)phthalate Carbazoler Carbazorer Carbazorer Carbazorer 1,4-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 2,0-Benzola 1,1-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 2,0-Benzola 1,1-Benzola 1,1-Benzol	Benzene Bis(2-ethythexyl)phthalate 3,76E-19 Carbazole Carbazole Carbazole Carbazole Carbazole Carbazole 3,76E-19 7,10E-18 1,4-Dichlorostriane 1,2-Dichlorostriane 1,3-Dichlorostriane 1,3-	=	Aniline	1.07E-17	8.51E-19	3.54E-18	1.51E-1
Bis(2-ethylhexyl)phthalate 3.23E-20 2.56E-21 1.06E-20 Carbazole Carbazole 7.10E-18 NA NA NA NA NA 1,4-Dichloroetiane 1,4-Dichloroetiane 1,2-Dichloroetiane 1,2-Dichlo	Bis(2-ethylhexyl)phthalate Carbazole Carbazole Carbazole Carbazole Carbazole Carbazole Chloroform 1,4-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane 1,3-Dichlo	Bis(2-ethylhexyl)phthalate Carbazole 1,4-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethan	Bis(2-ethylhexyl)phthalate 3.23E-20 2.56E-21 1.06E-20 Carbazole 7.10E-18 NA	2	Benzene	3.12E-19	NA	AN	3.12E-1
Carbazole Carbazole Carbazole Carbazole Carbazole Carbon Interrachloride 1,4-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroetha	Carbazole Carbazole Carbazole Carbon Tetrachloride Chloroform 1,4-Dichloroethane 1,2-Dichloroethane 1,3-19 1,2-Dichloroethane 1,3-19 1,2-Dichloroethane 1,3-19 1,3-1	Carbazole Carbon Tetrachloride Carbon Tetrachloride Chicoropensene 1,4-Dichlorobenzene 1,2-Dichloroethane 1,3-E-19 1,2-Dichloroethane 1,3-E-19 1,	Carbazole Carbazole Carbazole Carbazole Carbon Tetrachloride 1,4-Dichlorochane 1,63E-20 NA	2	Bis(2-ethylhexyl)phthalate	3.23E-20	-39S	1.06E-20	4.55E-2
Carbon Tetrachloride Carbon Tetrachloride 1,4-Dichloroetiane 1,4-Dichloroetiane 1,2-Dichloroetiane 1,2-Dichloroetiane 1,2-Dichloroethene 1,3-12-13 1,2-Dichloroethene 1,3-12-13 1,2-Dichloroethene 1,3-12-13 1,3-13-13 1,3-13-	Carbon Tetrachloride Chloroform Chloroform Chloroform Chloroform Chloroform Chloroethane Chroroethane Cadmium Chroroethane Cadmium Chroroethane Chromium (VI) Chromium (VI) Chroroethane Chromium (VI) Chromium (VI) Chroroethane Chromium (VI) Chromiu	Carbon Tetrachloride 7.10E-18 NA Carbon Carbon Tetrachloride 7.10E-18 NA 1.4-Dichloroethane 1.63E-20 NE 1.70E-17 NA 1.1-Dichloroethane 1.63E-19 C.95E-20 2.1.1-Dichloroethane 1.53E-19 NA 1.15E-19 NA	Carbon Tetrachloride Carbon Tetrachloride 1,4-Dichlorobenzene 1,4-Dichlorocthane 1,1-Dichlorocthane 1,1-Dichlorocthane 1,1-Dichlorocthane 1,2-Dichlorocthane 1,3-Dichlorocthane 1,3-Dich	7	Carbazole	3.76E-19	-366	1.24E-19	5.30E-1
Chloroform 1, 25E-17 NA NA NA NA NA 1, 63E-20 NA NA NA 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	Chloroform Chloroform 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,2-Dichlorocthane 1,3-Dichlorocthane 1,13-Dichlorocthane 2,10-15 NE NE NE NE NE NE NE NE NE N	Chloroform 1,4-Dichloroetiane 1,2-Dichloroetiane 1,1-Dichloroetiane 1,2-Dichloroetiane 1,1-Dichloroetiane 1,	Chlorobenzene 1.63E-20 NA NA NA NA 1,1-Dichlorocethane 8.76E-19 6.95E-20 2.89E-19 1,2-Dichlorocethane 8.76E-19 6.95E-20 2.89E-19 1,1-Dichlorocethane 1.98E-17 NA NA NA Dichlorocethane 1.53E-19 NA NA NA Dichlorocethane 1.53E-16 3.20E-17 1.33E-16 1.03E-16 1.03E-16 3.20E-17 1.33E-16 1.03E-16 1.03E-16 1.03E-17 1.33E-18 1.03E-19 NA	2	Carbon Tetrachloride	7.10E-18	NA	NA	7.10E-1
1,4-Dichlorobenzene 1,63E-20 NA NA NA NA NA 1,2-Dichloroethane 8,76E-19 6,95E-20 2.89E-19 1,1-Dichloroethane 1,98E-17 NA NA NA NA 1,2-Dichloroethane 1,98E-17 NA	1,4-Dichlorobenzene	1,4-Dichlorobenzene 1,63E-20 NA	1,4-Dichlorobenzene 1.63E-20	9	Chloroform	3.76E-17	NA	AN	3.76E-1
1,1-Dichloroethane	1,1-Dichloroethane 8.76E-19 6.95 1,2-Dichloroethane 8.76E-19 6.95 1,2-Dichloroethane 6.75E-19 6.95 1,2-Dichloroethane 6.75E-19 1.2E-19 Dietdrin 1.55E-19 1.55E-19 1.2E-19 Dietdrin 1.55E-19 1.55	1,1-Dichloroethane	1,1-Dichloroethane	_	1,4-Dichlorobenzene	1.63E-20	NA	NA	1.63E-2
1,2-Dichloroethane	1,2-Dichloroethane 8.76E-19 6.95 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane	1,2-Dichloroethane 8.76E-19 6.95E-20 2. 1,1-Dichloroethane 1.98E-17 NA 1,2-Dichloroethane 1.98E-17 NA 1,2-Dichloroethane 1.53E-19 NA 1,2-Dichloroethane 1.53E-18 1.21E-19 5. Hexachlorobenzene 4.03E-16 3.20E-17 1.53E-18 1.00E-17 1.00E-17 NA 1.00E-20 NA 1.00E-20 NA 1.00E-17 NA 1.00E-1	1,2-Dichloroethane 8.76E-19 6.95E-20 2.89E-19 1,2-Dichloroethane 1.98E-17 NA	8	1,1-Dichloroethane	및	및	NE	NE
1,1-Dichloroethene 1,98E-17 NA NA NA NA NA Dielloropropane 1,15E-19 NA NA Dielloropropane 1,15E-19 NA NA Dielloropropane 1,15E-19 NA	1,1-Dichloroethene 1,98E-17	1,1-Dichloroethene 1,98E-17 NA 1,12-Dichloroethene 1,15E-19 NA 1,15E-14 NA 1,10BE-17 NA 1,10BE-18 NA 1	1,1-Dichloroethene 1,98E-17 NA NA NA NA Dielchloropropane 1,15E-19 NA NA Dielchloropropane 1,15E-19 NA NA Dielchloropropane 1,15E-19 NA NA Dielchloropropane 1,15E-19 1,21E-19 5.04E-19 1,33E-16 1,33E-16 1,33E-16 1,33E-16 1,33E-16 1,06E-20 NA NA NA CHERVICHORIDE 1,13E-17 NA NA NA NA CHERVICHORIDE 1,13E-17 NA NA NA NA CHERVICHORIDE 1,13E-17 NA NA NA CHOMBIUM (VI) 2,02E-14 3.77E-17 NA NA NA CHOMBIUM (VI) 3,07E-17 3,77E-17 NA NA CHROMIUM (VI) 3,07E-17 3,77E-17 NA NA NA CHROMIUM (VI) 3,07E-17 3,77E-17 NA NA NA CHROMIUM (VI) 3,07E-17 3,77E-17 NA NA NA CHROMIUM (VI) 3,07E-17 3,77E-17 NA NA NA CHROMIUM (VI) 3,07E-17 3,77E-17 NA NA CHROMIUM (VI) 3,07E-17 3,77E-17 NA NA NA CHROMIUM (VI) 3,07E-17 3,77E-17 NA NA NA CHROMIUM (VI) 3,07E-17 3,77E-17 3,77E-17 NA NA NA CHROMIUM (VI) 3,07E-17 3,77E-17 3,77E-17 NA NA CHROMIUM (VI) 3,07E-17 3,77E-17 3,77E-17 NA NA CHROMIUM (VI) 3,07E-17 3,77E-17 3,77	<u>0</u>	1,2-Dichloroethane	76E-	6.95E-20	.89E	1.23E-1
1,2-Dichloropane	1,2-Dichloropropane	1,2-Dichloropane	1,2-Dickloropropane	2	1,1-Dichloroethene	98E-1	NA	NA	1.98E-1
Dieldrin Dieldrin Hexachlorobenzene Hexachlorobenzene Hexachlorochide Hydrazine Lindane Hydrazine Lindane Hydrazine Lindane Hydrazine Hydrazin	Dieldrin Hexachlorobenzene Hexachlorobenzene Hexachlorobenzene Hexachlorobenzene Hexachlorobenzene Lindane Lindane Lindane Hethyl chloride Hethyl chloride Homium (VI) Horozene S. 10E-15 F. 75 Horozene F. 10BE-17 F. 63 F. 63 F. 63 F. 63 F. 64 F.	Dieldrin Hexachlorobenzene Hexachlorobenzene Hexachloroenzene Hexachloroenzene Hexachloroenzene Hydrazine Lindazine Lindazine Hothylene chloride Honomethyl hydrazine Nomethylene chloride Honomethyl hydrazine Honomethyl hydrazine Honomethyl hydrazine Honomethyl hydrazine Lindazine Honomethyl hydrazine Lindazine Honomethyl hydrazine Lindazine Honomethyl hydrazine Lindazine	Dieldrin Dieldrin Hexachlorobenzene Hexachlorobe	7	1,2-Dichloropropane	4.15E-19	NA	AN	4.15E-1
Hexachlorobenzene	Hexachlorobenzene	Hexachlorobenzene	Hexachlorobenzene	Ŋ	Dieldrin	1.53E-18	1.21E-19	5.04E-19	2.15E-18
Hydrazine Lindane Methyl chloride Methyl chloride Methyl chloride Methyl chloride Monomethyl hydrazine Nomethyl hydrazine Nomet	Hydrazine Lindane Lindane Lindane Lindane Lindane Lindane Lindane Lindane Methyl chloride A-Methylphenol Monomethyl hydrazine D-Mitrosodimethylamine Renzo(a)pyrene Chrysone Dibenzo(a,h)anthracene S-10E-15 F-33E-15 F-33E	Hydrazine 5.57E-12 7.75E-14 3. Lindane Methyl chloride 8.06E-20 4.57E-21 1. Methylene chloride 8.06E-20 NA NA Hethylphenol 1.08E-17 NE	Hydrazine Lindane Methyl chloride Methyl chloride Monomethyl hydrazine NH kethyl chloride Nomethyl hydrazine NH kethyl chloride Nomethyl hydrazine NH kethyl chloride Nomethyl hydrazine NH kethyl chloride NH kethyl	2	Hexachlorobenzene	4.03E-16	3.20E-17	1.33E-16	
Lindane Lindane Whethyl chloride Wathyl chloride Wethyl chloride Wethol on Na	Lindane Methyl chloride Methylene chloride Methylene chloride Methylene chloride Methylene chloride Methylene chloride Monomethyl hydrazine Nomethyl hydrazine Nometh	Lindane Methyl chloride 8.06E-20 NA Methyl chloride 8.06E-20 NA 1.08E-17 NA 1.08E-15 NA 1.08E-15 NA 1.08E-20 NA 1.08E-17 NA 1.08CANICS Arsenic Cadmium (VI) 4.09E-16 NA 1.05E-17 NA 1.05E-15 NA 1.05E-17 NA 1.08E-17 NA 1.08CANICS Arsenic 3.90E-16 NA 1.05E-14 3.	Lindane Lindane Lindane Methyl chloride Methyl chlori	7	Hydrazine	5.57E-12	7.75E-14	3.23E-13	5.97E-12
Methyl chloride 8.06E-20 NA NA NA 4-Methylene chloride 1.08E-17 NA NA NA 4-Methylene chloride NE NB NA Monomethyl hydrazine 1.13E-13 8.97E-15 3.73E-14 PAHS NIT cosodimethylamine 5.33E-15 4.23E-16 1.76E-15 PAHS Shares 5.10E-15 7.63E-16 3.18E-15 Chrysene 5.10E-15 7.63E-16 3.18E-15 Dibenzo(a,h)anthracene 5.10E-15 7.63E-16 3.18E-15 Parathion NB NB NB Parathion NB NB NB Ichloroethene 1.13E-15 8.97E-17 3.73E-16 Japona 2.38E-21 NA NA Vapona 3.18E-19 1.88E-20 7.84E-20 Vinyl chloride 3.18E-18 NA NA Arsenic 3.90E-16 NA NA Cadmium VI) 4.09E-16 NA Arsenic 3.7E-13 5.75E	Methyl chloride Methylene chloride 4.Methylene chloride 4.Methylphenol Monomethyl hydrazine 1.13E-13 Renzo(a)pyrene Chrysene Chrysene Since-15 Chrysene Since-15 Sin	Methyl chloride 8.06E-20 NA 4-Methylene chloride 1.08E-17 NA 4-Methylphenol NE NE Monomethyl hydrazine 1.13E-13 8.97E-15 3. n-Nitrosodimethylamine 5.33E-15 4.23E-16 1. pAHs 5.10E-15 7.63E-16 3. Chrysene 5.10E-15 7.63E-16 3. Chrysene 5.10E-15 7.63E-16 3. Parathion NE NA NA Quinoline 1.13E-15 8.9F-17 3. Tetrachloroethene 5.82E-21 NA NA Vapona 2.07E-19 NA 7.8 Vinyl chloride 3.18E-18 NA NA INORGANICS 1.66E-13 1.53E-15 6.3 Arsenic 2.07E-19 NA 4.09E-16 NA Cadmium VI) 4.09E-16 NA NA India 5.87E-12 9.02E-14 3.	Methyl chloride 8.06E-20 NA NA NA 4-Methyl chloride 1.08E-17 NA NA NA 4-Methylbhenol NE NE NB Monomethyl hydrazine 1.13E-13 8.97E-15 3.73E-14 PAHS N-Mitrosodimethylamine 5.33E-15 4.23E-16 1.76E-15 PAHS Shorene 5.10E-15 7.63E-16 3.18E-15 Chrysene 5.10E-15 7.63E-16 3.18E-15 Dibenzo(a,h)anthracene 5.10E-15 7.63E-16 3.18E-15 Parathion N NA NA Quinoline 1.13E-15 8.97E-17 3.73E-16 Tetrachloroethene 5.82E-21 NA NA Vapona 2.07E-19 NA NA Vapona 3.18E-18 NA NA Vinyl chloride 3.18E-18 NA NA Resenic 3.00E-16 3.75E-15 3.75E-15 Cadmium VI) 4.09E-16 NA NA Indiana NA	ñ	Lindane	5.76E-20	4.57E-21	1.90E-20	8.12E-2
Wethylene chloride 1.08E-17 NA NA 4-Methylphenol NE NE NE Monomethyl hydrazine 1.13E-13 8.97E-15 3.73E-14 PAHs 5.33E-15 4.23E-16 1.76E-15 PAHs 5.10E-15 7.63E-16 3.18E-15 Chrysene 5.10E-16 7.63E-16 3.18E-15 Chrysene 5.10E-15 7.63E-16 3.18E-15 Parathion NE NE NE Quinoline 1.13E-15 8.97E-17 3.73E-16 Tetrachloroethene 5.82E-21 NA NA Vapona 2.07E-19 NA NA Vinyl chloride 3.18E-19 1.88E-20 7.84E-20 Vinyl chloride 3.18E-18 NA NA INORGANICS Arsenic 3.18E-18 NA NA Arsenic 2.00E-13 1.53E-15 6.37E-15 Cadmium (VI) 4.09E-16 NA NA Arsenic 3.75E-13 5.87E-12 9.02E-14	Methylene chloride 4-Methylphenol Ne Monomethyl hydrazine Nonomethyl hydrazine	Methylene chloride 4-Methylphenol NE	Methylene chloride 1.08E-17 NA NA 4-Methylphenol NE NE NE Monomethyl hydrazine 1.13E-13 8.97E-15 3.73E-14 PAHs PAHs 1.76E-15 3.73E-14 Benzo(a)pyrene 5.33E-15 4.23E-16 1.76E-15 Chrysene 5.10E-15 7.63E-16 3.18E-15 Chrysene 5.10E-15 7.63E-16 3.18E-15 Dibenzo(a,h)anthracene 5.10E-15 7.63E-16 3.18E-15 Parathion N N N Quinoline 1.3E-15 8.97E-17 3.73E-16 Tetrachloroethene 5.82E-21 NA NA Vapona NA NA NA Vinyl chloride 3.18E-19 1.88E-20 7.84E-20 Vinyl chloride 3.18E-18 NA NA Arsenic 3.00E-16 NA NA Cadmium (VI) 4.09E-16 3.75E-15 30 yearl 5.87E-12 9.02E-14 3.75E-13 <td>9</td> <td>Methyl chloride</td> <td>8.06E-20</td> <td>A.</td> <td>AN</td> <td>8.06E-2</td>	9	Methyl chloride	8.06E-20	A.	AN	8.06E-2
4-Methylphenol NE	4-Methylphenol Monomethyl hydrazine N. Nitrosodimethylamine N. Nitrosodimethylamine N. Nitrosodimethylamine N. Nitrosodimethylamine S. 10E-15 Chrysene Dibenzo(a, h)anthracene S. 10E-15 Chrysene Ouinoline S. 113E-15 N. Nitrollorosthene S. 113E-15 N. Nitrollorosthene	4-Methylphenol Monomethyl hydrazine Nitrosodimethyl amine Nitrosodimethylamine Nitrosodimethy	4-Methylphenol NE	7	Methylene chloride	1.08E-17	AN	AN	1.08E-1
Monomethyl hydrazine 1.13E-13 8.97E-15 3.73E-14 7.62E-15 PARs Parsociamethylamine 5.33E-15 4.23E-16 1.76E-15 PARs Benzoca)pyrene 5.10E-15 7.63E-16 3.18E-15 Chrysene 5.10E-16 7.63E-17 3.18E-15 Parathion NE	Monomethyl hydrazine 1.13E-13 8.97 PAHS Benzo(a)pyrene 5.10E-15 7.63 Chrysene 5.10E-15 7.63 Parathion 6 Quinoline 1.13E-15 8.97 Tetrachloroethene 5.22 NE 19 Ne Vipyl chloride 2.3E-19 1.88 Ninyl chloride 3.18E-18 N Cadmium (VI) 4.09E-16 N Cadmium (VI) 5.87E-12 O.07E-19 N Cadmium (VI) 5.87E-12 O.07E-19 N Cadmium (VI) 6.00E-16 N Cadmium (VI) 6	Monomethyl hydrazine 1.13E-13 8.97E-15 3. n.Nitrosodimethylamine 5.35E-15 4.23E-16 1. Benzo(a)pyrene 5.10E-15 7.63E-16 1. Chrysene 5.10E-15 7.63E-16 3. Chrysene 5.10E-15 7.63E-16 3. Dibenzo(a,h)anthracene 5.10E-15 7.63E-16 3. Parathion NE	Monomethyl hydrazine 1.13E-13 8.97E-15 3.73E-14 76E-15 PAHs Benzo(a)pyrene 5.10E-15 7.63E-16 1.76E-15 Therefore of the parathion outline 1.13E-15 7.63E-16 3.18E-15 Parathion outline 1.13E-15 Parathion NA	8	4-Methylphenol	및	2	2	¥
n-Nitrosodimethylamine 5.33E-15 4.23E-16 1.76E-15 PAHs Benzo(a)pyrene 5.10E-15 7.63E-16 3.18E-15 Chrysene 5.10E-16 7.63E-16 3.18E-15 Dibenzo(a,h)anthracene 5.10E-16 7.63E-16 3.18E-16 Dibenzo(a,h)anthracene 5.10E-16 7.63E-16 3.18E-16 Dibenzo(a,h)anthracene 5.10E-16 7.63E-16 3.18E-16 Dibenzo(a,h)anthracene 5.10E-16 7.63E-16 3.18E-16 Increachloroethene 5.20E-21 NA	n-Nitrosodimethylamine 5.33E-15 4.22 PAHs Benzo(a)pyrene 5.10E-15 7.63 Chrysene 5.10E-15 7.63 Chrysene 5.10E-16 7.63 Dibenzo(a,h)anthracene 5.10E-16 7.63 Dibenzo(a,h)anthracene 5.10E-16 7.63 Parathion Quinoline 1.3E-15 8.97 Tetrachloroethene 5.82E-21 N Trichloroethene 5.82E-21 N Vapona Vinyl chloride 2.38E-19 1.88 Vinyl chloride 3.18E-18 N INORGANICS Arsenic 3.90E-16 N Chromium (VI) 4.09E-16 N	n-Nitrosodimethylamine 5.33E-15 4.23E-16 1. PAHS Benzo(a)pyrene 5.10E-15 7.63E-16 3. Chysene 5.10E-16 7.63E-17 3. Dibenzo(a,h)anthracene 5.10E-15 7.63E-17 3. Parathion Quinoline 1.13E-15 8.97E-17 3. Trichloroethene 5.28E-21 NA 2.07E-17 3. Trichloroethene 2.07E-19 NA 2.07E-19 NA 2.07E-19 NA 2.07E-19 NA 2.07E-19 NA 2.07E-19 NA 2.08E-18 NA 3.18E-18 NA 3.18E-18 NA Trichlomium (VI) 4.09E-16 NA 4.09E-16 NA 4.09E-16 S.87E-12 9.02E-14 3.	n-Nitrosodimethylamine 5.33E-15 4.23E-16 1.76E-15 PAHs Benzo(a)pyrene 5.10E-15 7.63E-16 3.18E-15 Chrysene 5.10E-16 7.63E-16 3.18E-15 S.10E-15 7.63E-17 3.18E-15 Parathion	6	Monomethyl hydrazine	1.13E-13	8.97E-15	73E	1-59E-1
PAHS Benzo(a)pyrene 5.10E-15 7.63E-16 3.18E-15 Chrysene 5.10E-16 7.63E-16 3.18E-15 Dibenzo(a,h)anthracene 5.10E-16 7.63E-17 3.18E-16 Dibenzo(a,h)anthracene 5.10E-16 7.63E-16 3.18E-16 Dibenzo(a,h)anthracene 5.10E-16 7.63E-16 3.18E-16 Dibenzo(a,h)anthracene 5.10E-16 3.18E-16 3.18E-16 Dibenzo(a,h)anthracene 5.10E-16 NA	PAHS Benzo(a)pyrene Chrysene Chrysene Chrysene Benzo(a,h)anthracene Dibenzo(a,h)anthracene S.10E-15 7.63 Dibenzo(a,h)anthracene S.10E-15 NE NE NE NE NE NE NE NE NE N	PAHS Benzo(a)pyrene 5.10E-15 7.63E-16 3. Chrysene 5.10E-16 7.63E-17 3. Dibazo(a,h)anthracene 5.10E-16 7.63E-17 3. Parathion Quinoline 1.13E-15 8.97E-17 3. Tetrachloroethene 2.07E-19 NA 2.08E-18 NA 3.18E-18 NA 3.18E-18 NA 4.09E-16 NA 4.09E-16 NA 4.09E-16 NA 3.10E-14 3.10E-	PAHS Benzo(a)pyrene	0	n-Nitrosodimethylamine	5.33E-15	4.23E-16	76E	7.51E-1
Benzo(a)pyrene 5.10E-15 7.63E-16 3.18E-15 Chrysene 5.10E-16 7.63E-16 3.18E-15 Dibenzo(a,h)anthracene 5.10E-15 7.63E-16 3.18E-16 Barathion	Benzo(a)pyrene 5.10E-15 7.63 Chrysene 5.10E-16 7.63 Dibenzo(a,h)anthracene 5.10E-15 7.63 Parathion NE	Benzo(a)pyrene 5.10E-15 7.63E-16 3. Chrysene 5.10E-16 7.63E-17 3. Dibenzo(a,h)anthracene 5.10E-16 7.63E-17 3. Parathion NE	Benzo(a)pyrene 5.10E-15 7.63E-16 3.18E-15 Chrysene 5.10E-16 7.63E-16 3.18E-15 Dibenzo(a,h)anthracene 5.10E-15 7.63E-16 3.18E-15 Parathion	=	PAHS				
Chrysene Chrysene Dibenzo(a,h)anthracene 5.10e-16 7.63e-17 3.18e-16 Parathion NE NE NE Ouinoline 1.13e-15 8.97e-17 3.73e-16 1.64e-20 1.00RGANICS Arsenic Cadmium (VI) 4.09e-16 NA	Chrysene Dibenzo(a,h)anthracene 5.10e-16 7.63 Parathion NE NE NO NE	Chrysene Chrysene Dibenzo(a,h)anthracene 5.10E-16 7.63E-17 3. Dibenzo(a,h)anthracene 5.10E-15 7.63E-16 3. Manual	Chrysene Chrysene Dibenzo(a,h)anthracene 5.10e-16 7.63e-17 3.18e-16 Parathion NE NE Ouinoline 1.13e-15 7.63e-16 3.18e-16 Parathion NE NE Ouinoline Chrosethene 1.13e-15 8.97e-17 3.73e-16 NA	2	Benzo(a)pyrene	5.10E-15	7.63E-16	3.18E-15	9.04E-15
Dibenzo(a,h)anthracene 5.10E-15 7.63E-16 3.18E-15 NE NE NE NE NE OUInoline 1.13E-15 8.97E-17 3.73E-16 3.08E-21 NA	Dibenzo(a,h)anthracene 5.10E-15 7.63 Parathion Quinoline Tetrachloroethene 5.82E-21 N Trichloroethene 5.78E-19 N Vapona Vinyl chloride 3.18E-18 N S.28E-19 N S.28E-19 N S.28E-19 N S.28E-19 N S.28E-19 N N S.28E-15 N N N S.28E-15 N N N N N N N N N N N N N N N N N N N	Dibenzo(a,h)anthracene 5.10E-15 7.63E-16 3. Parathion NE	Dibenzo(a,h)anthracene 5.10E-15 7.63E-16 3.18E-15 NE	M	Chrysene	5.10E-16	7.63E-17	3.18E-16	9.04E-1
Parathion NE	Parathion Quinoline Quinoline Tetrachloroethene Tetrachloroethene Z.82E-21 N.752-19 Vapona Vinyl chloride INORGANICS Arsenic Cadmium Chromium (VI) Total Authorian Arsenic Z.88E-19 Z.88E-18	Parathion NE NE NE NE Outnoline Quinoline 1.13E-15 S.97E-17 S.82E-21 NA Trichloroethene 2.07E-19 Vapona Vapona Vinyl chloride INORGANICS Arsenic Cadmium Chromium (VI) Total Augusta 1.53E-15 Augusta	Parathion NE N	7	Dibenzo(a,h)anthracene	5,10E-15	7.63E-16	18E-	9.04E-1
Quinoline 1.13E-15 8.97E-17 3.73E-16 Tetrachloroethene 5.82E-21 NA NA Trichloroethene 2.07E-19 NA NA Vapona 2.38E-19 1.88E-20 7.84E-20 Vinyl chloride 3.18E-18 NA NA INORGANICS 1.66E-13 1.53E-15 6.37E-15 Arsenic 3.90E-16 NA NA Cadmium (VI) 4.09E-16 NA NA Total 5.87E-12 9.02E-14 3.75E-13	Quinoline 1.13E-15 8.97 Tetrachloroethene 5.82E-21 N Trichloroethene 2.07E-19 N Vapona 2.38E-19 1.88 Vinyl chloride 3.18E-18 N INORGANICS 1.66E-13 1.53 Arsenic 3.90E-16 N Cadmium VI) 4.09E-16 N Total 5.87E-12 9.02	Quinoline 1.13E-15 8.97E-17 3 Tetrachloroethene 5.82E-21 NA Trichloroethene 2.07E-19 NA Vapona 2.38E-19 1.88E-20 7 Vinyl chloride 3.18E-18 NA INORGANICS 1.66E-13 1.53E-15 6 Arsenic 3.90E-16 NA Chromium (VI) 4.09E-16 NA Total 5.87E-12 9.02E-14 3	Quinoline 1.13E-15 8.97E-17 3.73E-16 Tetrachloroethene 5.82E-21 NA NA Trichloroethene 2.07E-19 NA NA Vapona 2.38E-19 1.88E-20 7.84E-20 Vinyl chloride 3.18E-18 NA NA INORGANICS 1.66E-13 1.53E-15 6.37E-15 Arsenic 3.90E-16 NA NA Cadmium VI) 4.09E-16 NA NA Total 5.87E-12 9.02E-14 3.75E-13 30 YEARS - TOTAL WORKER EXPOSURE	řΣ	Parathion	끷	W	¥	W
Tetrachloroethene 5.82E-21 NA NA NA Vapona 2.38E-19 1.88E-20 7.84E-20 Vapona 2.38E-19 1.88E-20 7.84E-20 Vinyl chloride 3.18E-13 1.53E-15 6.37E-15 Cadmium (VI) 4.09E-16 NA NA NA Total 5.87E-12 9.02E-14 3.75E-13	Tetrachloroethene 5.82E-21 N Trichloroethene 2.07E-19 N Vapona 2.38E-19 1.88 Vinyl chloride 3.18E-18 N N Arsenic Cadmium (VI) 4.09E-16 N Total 5.87E-12 9.02	Tetrachloroethene 5.82E-21 NA Trichloroethene 2.07E-19 NA Vapona 2.38E-19 1.88E-20 7 Vinyl chloride 3.18E-18 NA INORGANICS Arsenic 5.90E-16 NA Chromium (VI) 4.09E-16 NA Total 5.87E-12 9.02E-14 3	Tetrachloroethene 5.82E-21 NA NA NA Vapona 2.07E-19 NA NA NA NA Vapona 2.38E-19 1.88E-20 7.84E-20 3.18E-18 NA	9	Quinoline	1.13E-15	-97E-	3.73E-16	1.59E-1
Trichloroethene 2.07E-19 NA NA NA Vapona Vapona 2.38E-19 1.88E-20 7.84E-20 7.84E-20 Vinyl chloride 3.18E-18 NA NA NA Arsenic 3.90E-16 NA	Trichloroethene 2.07E-19 N Vapona 2.38E-19 1.88 Vinyl chloride 3.18E-18 N INORGANICS 1.66E-13 1.53 Cadmium (VI) 4.09E-16 N Total 5.87E-12 9.02	Trichloroethene 2.07E-19 NA Vapona 2.38E-19 1.88E-20 7 7 3.18E-18 NA	Trichloroethene 2.07E-19 NA	2	Tetrachloroethene	5.82E-21	AN	NA	5-82E-2
Vapona 2.38E-19 1.88E-20 7.84E-20 Vinyl chloride 3.18E-18 NA NA INORGANICS 1.66E-13 1.53E-15 6.37E-15 Arsenic 3.90E-16 NA NA Cadmium 4.09E-16 NA NA Total 5.87E-12 9.02E-14 3.75E-13	Vapona Vinyl chloride 2.38E-19 1.88 Vinyl chloride 3.18E-19 N.88 INORGANICS 1.66E-13 1.53 Arsenic 3.90E-16 N. Cadmium (VI) 4.09E-16 N.	Vapona 2.38E-19 1.88E-20 7 Vinyl chloride 3.18E-19 1.88E-20 7 INORGANICS 1.66E-13 1.53E-15 6 Arsenic 3.90E-16 NA Cadmium 4.09E-16 NA Chromium (VI) 4.09E-16 NA Total 5.87E-12 9.02E-14 3	Vapona 2.38E-19 1.88E-20 7.84E-20 Vinyl chloride 3.18E-18 NA NA INORGANICS 1.66E-13 1.53E-15 6.37E-15 Arsenic 3.90E-16 NA NA Cadmium (VI) 4.09E-16 NA NA Total 5.87E-12 9.02E-14 3.75E-13	8	Trichloroethene	2.07E-19.	A	NA	2.07E-1
Nordanic 1.66E-13 1.53E-15 NA NA NA NA NA NA NA N	Vinyl chloride 3.18E-18 N INORGANICS 1.66E-13 1.53 Arsenic 3.90E-16 N Chromium (VI) 4.09E-16 N	Vinyl chloride 3.18E-18	Vinyl chloride 3.18E-18	0	Vapona	2 38F-10		7 8/6-20	7 35E-1
INORGANICS Arsenic 3.90E-13 1.53E-15 6.37E-15 Cadmium (VI) 4.09E-16 NA NA Total 5.87E-12 9.02E-14 3.75E-13	INORGANICS Arsenic 3.90E-13 1.53 Cadmium (VI) 4.09E-16 N Total 5.87E-12 9.02	INORGANICS Arsenic Cadmium Chromium (VI) Total S.87E-12 S.10E-13 T.53E-15 S.90E-16 NA 6.09E-16 NA	INORGANICS Arsenic Cadmium Chromium (VI) Total INORGANICS 1.66E-13 1.53E-15 6.37E-15 3.90E-16 NA	<u>_</u>	Vinyl chloride	Z 18E-18		IN IN	7 185-1
INORGANICS Arsenic Arsenic 3,90E-16 Cadmium Chromium (VI) 4,09E-16 NA	INORGANICS Arsenic Cadmium Chromium (VI) Total 1.66E-13 1.53 3.90E-16 N 4.09E-16 N	INORGANICS	INORGANICS Arsenic Cadmium Chromium (VI) Total I.66E-13 1.53E-15 6.37E-15 3.90E-16 NA	-		0.10	7	Y.	301.0
Arsenic 1.66E-13 1.53E-15 6.37E-15 Cadmium (VI) 3.90E-16 NA	Arsenic 1.66E-13 1.53 Cadmium (VI) 3.90E-16 N Chromium (VI) 4.09E-16 N Total 5.87E-12 9.02	Arsenic 1.66E-13 1.53E-15 Cadmium (VI) 4.09E-16 NA Total 5.87E-12 9.02E-14	Arsenic 1.66E-13 1.53E-15 6.37E-15 Cadmium Chromium (VI) 4.09E-16 NA NA Total 5.87E-12 9.02E-14 3.75E-13	· Q	INORGANICS				
Cadmium (VI) 3.90E-16 NA NA NA Chromium (VI) 4.09E-16 NA NA NA TOtal 5.87E-12 9.02E-14 3.75E-13	Cadmium (VI) 5.90E-16 N 4.09E-16 N Total 5.87E-12 9.02	Cadmium (VI) 3.90E-16 NA 4.09E-16 NA Total 5.87E-12 9.02E-14	Cadmium (VI) 3.90E-16 NA NA NA NA Chromium (VI) 4.09E-16 NA NA NA NA NA TOTAL TOTAL 3.75E-13 30 YEARS - TOTAL WORKER EXPOSURE	M	Arsenic	1.66E-13	1.53E-15	6.37E-15	1.73E-13
Chromium (VI) 4.09E-16 NA NA TOTAL 5.87E-12 9.02E-14 3.75E-13	Chromium (VI) 4.09E-16 N Total 5.87E-12 9.02	Chromium (VI) 4.09E-16 NA Total 5.87E-12 9.02E-14	Chromium (VI) 4.09E-16 NA NA Total 5.87E-12 9.02E-14 3.75E-13 30 YEARS - TOTAL WORKER EXPOSURE	4	Cadmium	3.90E-16	AN	NA	3.90E-1
Total 5.87E-12 9.02E-14 3.75E-13	Total 5.87E-12 9.02	Total 5.87E-12 9.02E-14	Total 5.87e-12 9.02e-14 3.75e-13 30 YEARS - TOTAL WORKER EXPOSURE	Ď.	Chromium (VI)	4.09E-16	NA	NA	4.09E-16
Total 5.87E-12 9.02E-14 3.75E-13	Total 5.87E-12 9.02	Total 5.87E-12 9.02E-14	Total 5.87E-12 9.02E-14 3.75E-13 30 YEARS - TOTAL WORKER EXPOSURE	9					
			30 YEARS -	<u>-</u>	Total	5.87E-12	9.02E-14	3.75E-13	6.34E-12
			30 YEARS -	o e					
ı.	ı.					¥ 05		WORKER EXPOSU	DE NIDATI

18.54.28 SEPOSIDE PROPERIE	BASE CASE		ADULT TOTAL E	EXPOSURE - MAX	MAXIMUM				2	•
1.29E-15 0.00E-00		18-Jun-91 15:34:28 WORKER	INHALATION EXPOSURE (mg/Kg/day)	VEGETABLE EXPOSURE (mg/Kg/day)	MILK EXPOSURE (mg/Kg/day)	BEEF EXPOSURE (mg/Kg/day)	SOIL/DUST EXPOSURE (mg/Kg/day)	FISH CONSUMPTION (mg/Kg/day)	DERMAL EXPOSURE (mg/Kg/day)	TOTAL (mg/Kg/day)
Online 1.22E-15 MA MA MA MA MA MA Intered title 1.12E-15 0.00E-00 0.00E-00<	NICS									
177E-12 177E-14 177E-12 177E-14 177E-15 177E-16 177E	Acetone		1.29E-15	NA	AN AN	AN.	NA.		AN	
Maintain	Acetonitrile		1.17E-12	0.00E+00	0.00E+00	0.00E+00	6.28E-15	_	1.316-14	
actively control of the control of t	Acrylonitrile		4.98E-13	NA	NA	NA	AN		NA	
Control Cont	Aniline		1.82E-18	0.00E+00	0.00E+00	0.00E+00	9.76E-21		2.03E-20	1.85E-
Second column	Atrazina		0.3%E-14	0.00E+00	0.00E+00	0.00E+00	3.55E-16		7.35E-16	
Confirmed (1776-16) Confirmed	Benzaldehvde		2 005-16	0.005+00	0.00=+00	0.001+00	2.18E-18		4.34E-18	
ori factor of the children of	Benzene		2 775 14	0.00E+00	0.00E+00	0.005+00	1.01E-70		5.35E-16	
onfizic Acid controlled by the characteristic controlled by the ch	Benzofuran		1 765-12	NA O	NA O	AN CO. TOO	AN C		AN	3.77E-
omitrie contract cont	Benzoic Acid		1,75-17	00-100	0.005+00	0.00=+00	7.835-10		1.051-15	1-48E-
1.25E-15	Renzonitrile		47.14.14	0.00=+00	0.00E+00	0.00E+00	1.88E-1/		1.64E-16	1.49E-
Content of the cont	Benzothiazola		3.2 E- 13	0.00E+00	0.00E+00	0.00E+00	1.72E-15		3.58E-15	3.26E-
2-city/lexyt)phthalate 6.57E-15 0.00E+00 0.00E+0	Binhonel		01-3/6-10	0.005+00	0.002+00	0.00E+00	7.55E-19		1.52E-18	1.39E-1
10 10 10 10 10 10 10 10	Ric(2.othylboxyl)	hehelph	1.4/E-15	NA O	NA	NA	¥ I	NA.	Y.	1.47E-1
on Tetrachloride on Tetrachlo	Carbazole	ai tilatare	6.0/E-1/	0.00E+00	0.00E+00	0-00E+00	4.33E-19	0.00E+00	9.00E-19	8.20E-
Control of the cont	Carbon Tetrachlor	op.	1 015-15	0.00=+00	0.005+00	0.00E+00	3.55E-18	0.00E+00	7.55E-18	6.69E-1
Control by Control Con	4-Chloroaniline	2	2 775-17	NA OOL OO	AN O	NA OCTOO		NA OOT. OO	AN	1.91E-1
Control pheny Control	Chlorobenzene		0 065-17	0.00E+00	0.00E+00	0.00E+00		0.00E+U0	4.21E-19	3.83E-1
Chiorobipheny	4-Chlorobiphenyl		0 205-17	O OCTOO	NA OCETOD	NA OUE TOO	AN AN A	NA O	AN A	9.06E-1
roethane	4,4-Chlorobipheny		4 67F-18	0.005+00	0.005+00	0.005+00	2 51E-20	0.00=+00	1.04E-18	7.446-1
1.62E-14	Chloroethane		3, 37F-15	0 005+00	0 005+00	0.005+00	1 705.17	0.00100	7 715-17	7 705
Comparison	Chloroform		1.62E-14	NA NA	NA NA	NA NA	NA	NA NA	NA NA	1 425-1
Orobenzenes (total) 3.77E-16	Dibenzofuran		2.93E-15	0-00E+00		0-005+00	1.57F-17	O DE+OU	27F-	2 ORE-1
4-Dichlorobenzene 2.38E-17 NA	Dichlorobenzenes (total)	3.77E-16	NA		NA	NA	NA	MA	3 77E-1
1.08E-15	1,4-Dichlorober	zene	2.38E-17	×	NA	A	AN	NA	AN	2 38F-1
Dichloroethane 3.37E-16 0.00E+00 0.00E+00 1.81E-18 0.00E+00 3.76E-18 Dichloroethane 5.77E-16 NA NA NA NA NA Dichloroethane 4.99E-16 NA NA NA NA NA Dichloroethane 4.99E-16 NA NA NA NA NA Dichloropopane 2.14E-16 NA NA NA NA NA Adrin NA NA <td< td=""><td>1,1-Dichloroethane</td><td></td><td>1.08E-15</td><td>NA.</td><td>NA</td><td>AN</td><td>ĄN</td><td>NA N</td><td>Z N</td><td>1 086-1</td></td<>	1,1-Dichloroethane		1.08E-15	NA.	NA	AN	ĄN	NA N	Z N	1 086-1
Dichloroethene 5.77E-16 NA	1,2-Dichloroethane		3.37E-16	0.00E+00	0.00E+00	0.00E+00	1.81E-18	0.00E+00	3 76F-18	1-327 Z
Dichloroethene 4.99E-16 NA	1,1-Dichloroethene		5.77E-16	NA.	N.	AN	NA.	NA.	NA	5 77E-1
2.14E-16 NA	1,2-Dichloroethene		4.99E-16	NA	NA	NA	W	N.	NA	4-99E-1
drin thyldisulfide 3.34E-18 0.00E+00 0.00E+00 1.79E-20 0.00E+00 3.73E-20 drividisulfide 3.34E-18 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.79E-20 0.00E+00 3.73E-20 chlorobenzene 8.83E-15 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.27E-14 0.00E+00 1.27E-13 axine 1.55E-18 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.27E-14 0.00E+00 1.27E-13 thion 4.58E-18 0.00E+00 0.00E+00 0.00E+00 0.00E+00 2.46E-20 0.00E+00 1.72E-14 0.00E+00 1.72E-14 0.00E+00 1.72E-15 0.00E+00 1.72E-18 thion A.48E-16 NA	1,2-Dichloropropar	e e	2.14E-16	NA	NA	NA	NA	AN	AN	2.14E-1
triy/distitide 9.17E-16 NA NA <td>Dieldrin</td> <td></td> <td>3.34E-18</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>1.79E-20</td> <td>0.00E+00</td> <td>3.73E-20</td> <td>3.39E-1</td>	Dieldrin		3.34E-18	0.00E+00	0.00E+00	0.00E+00	1.79E-20	0.00E+00	3.73E-20	3.39E-1
Cit Crobenzene 8.83E-15 0.00E+00	Ulmetnyldisultide		9.17E-16	AN	A.	ΑN	AN	NA	NA	9.17E-1
#2.ne	Hexachlorobenzene		8.83E-15	0.00E+00	0.00E+00	0.00E+00	4.74E-17	0.00E+00	9.85E-17	8.97E-1
thion 4.58E-18 0.00E+00 0.00E+00 0.00E+00 8.32E-21 0.00E+00 1.73E-20 1.73E-18 1.73E-	yarazıne		1.14E-11	0.00E+00	0.00E+00	0.00E+00	6.12E-14	0.00E+00	1.27E-13	1.16E-1
thick the choice	Indane		1.55E-18	0.00E+00	0.00E+00	0.00E+00	8.32E-21	0.00E+00	1.73E-20	1.58E-1
y! chloride 4.48E-16 NA	fath1on			0.00E+00	0.00E+00	0.00E+00	2.46E-20	0.00E+00	5.11E-20	4.66E-1
Viene chloride 2.70E-14 NA	dethyl chloride			N.	AN	AN.	NA	NA	NA	4.48F-1
vl ethyl ketone 5.66E-16 0.00E+00 0.00E+00 3.04E-18 0.00E+00 6.32E-18 thylphenol 5.14E-16 0.00E+00 0.00E+00 0.00E+00 2.76E-18 0.00E+00 5.73E-18 methyl hydrazine 3.60E-12 0.00E+00 0.00E+00 0.00E+00 1.93E-14 0.00E+00 5.73E-18 thalene 6.06E-17 0.00E+00 0.00E+00 0.00E+00 3.25E-19 0.00E+00 4.01E-14 thalene 2.76E-18 0.00E+00 0.00E+00 0.00E+00 3.25E-19 0.00E+00 4.01E-14 thalene 3.21E-13 0.00E+00 0.00E+00 0.00E+00 1.72E-15 0.00E+00 3.58E-15 trosodimethylamine 3.66E-15 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.93E-17 0.00E+00 4.08E-17 enaphthalene 1.46E-14 0.00E+00 0.00E+00 0.00E+00 7.83E-17 0.00E+00 1.63E-16	dethylene chloride		. 70E-	NA	NA	AN	NA	AN	N	2 70F-1
thylphenol 5.14E-16 0.00E+00 0.00E+00 0.00E+00 2.76E-18 0.00E+00 5.73E-18 nethyl hydrazine 3.60E-12 0.00E+00 0.00E+00 0.00E+00 1.93E-14 0.00E+00 4.01E-14 0.00E+00 0.00E+00 0.00E+00 1.93E-14 0.00E+00 4.01E-14 0.00E+00 0.	dethyl ethyl keton	ø	-399.		0.00E+00	0.00E+00	3.04E-18	0.00E+00	6.32F-18	5 75E-1
### ### ### ### ### ### ### ### ### ##	+-Methylphenol		.14E-1		0.00E+00	0.00E+00	2.76E-18	0.00E+00	5.73F-18	5.22E-1
thalene carbonitrile 3.21E-13 0.00E+00 0.00E+00 0.00E+00 3.25E-19 0.00E+00 6.76E-19 thalene carbonitrile 3.21E-13 0.00E+00 0.00E+00 0.00E+00 1.72E-15 0.00E+00 3.58E-15 0.00E+00 3.58E-15 0.00E+00 0.00E+00 0.00E+00 1.96E-17 0.00E+00 4.08E-17 0.00E+00 1.68E-15 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.63E-16 1.46E-14 0.00E+00 0.00E+00 0.00E+00 7.83E-17 0.00E+00 1.63E-16	fonomethyl hydrazi	ne	. 909.		0.00E+00	0.00E+00	1.93E-14	0.00E+00	4.01E-14	3.66F-1
thalene carbonitrile 3.21E-13 0.00E+00 0.00E+00 0.00E+00 1.72E-15 0.00E+00 3.58E-15 1	Vaphthalene		.06E-1		0.00E+00	0.00E+00	3.25E-19	0.00E+00	6.76E-19	6.16F-1
trosodimethylamine 3.66E-15 0.00E+00 0.00E+00 0.00E+00 1.96E-17 0.00E+00 4.08E-17 cenaphthalene 1.46E-14 0.00E+00 0.00E+00 0.00E+00 7.83E-17 0.00E+00 1.63E-16 cenaphthene 1.46E-14 0.00E+00 0.00E+00 0.00E+00 7.83E-17 0.00E+00 1.63E-16	laphthalene carbon	itrile	21E-		0.00E+00	0.00E+00	1.72E-15	0.00F+00	3.58F-15	3 26E-1
enaphthalene 1.46E-14 0.00E+00 0.00E+00 0.00E+00 7.83E-17 0.00E+00 1.63E-16 :enaphthene 1.46E-14 0.00E+00 0.00E+00 0.00E+00 7.83E-17 0.00E+00 1.63E-16	1-Nitrosodimethyla	nine	.66E-1		0,00E+00	0.00E+00	1.96E-17	0.00E+00	4-08E-17	3.72F-1
1.46E-14 0.00E+00 0.00E+00 0.00E+00 7.83E-17 0.00E+00 1.63E-16 1.46E-14 0.00E+00 0.00E+00 0.00E+00 7.83E-17 0.00E+00 1.63E-16	AHS									
1.46E-14 0.00E+00 0.00E+00 0.00E+00 7.83E-17 0.00E+00 1.63E-16	Acenaphthalene			0.00E+00	0.000+00	0.00E+00	7.83F-17	0.00F+00	1 675-16	1 48E-1
	Acenaphthene			0.00E+00	0.00E+00	0.00E+00	7.83E-17	0,00E+00	1.63E-16	1.48E-1

	,	TABLE 3	ų.	ā	2	Ę	A	P.	Y.
	Chrysene	N	0.00E+00	0.00E+00	0.00E+00	1.57E-17	0.00E+00	3.27E-17	2.98E-15
	Dibenzo(a,h)anthracene	2.93E-14	0.00E+00	0.00E+00	0.00E+00	1.57E-16	0.00E+00	3.27E-16	2.98E-14
	Fluoranthene	2.93E-14	0.00E+00	0.00E+00	0.00E+00	1.57E-16	AN.	3.27E-16	2.98E-14
	Fluorene	2.93E-15	0.00E+00	0.00E+00	0.00E+00	1.57E-17	0.00E+00	3.27E-17	2.98F-15
	Phenanthrene	1.14E-17	0.00E+00	0.00E+00	0.00E+00	6.12E-20	0.00E+00	1.27E-19	1.16E-17
	Pyrene	5.86E-14	0.00E+00	0.00E+00	0.00E+00	3.14E-16	0.00E+00	6.54E-16	5.95E-14
	Parathion	7.25E-18	0.00E+00	0.00E+00	0.00E+00	3.89E-20	0.00E+00	8.09E-20	7.37E-18
	Pentachlorobenzene	3.60E-15	0.00E+00	0.00E+00	0.00E+00	1.93E-17	N.	4-01E-17	3-66E-15
	Phenol	5.75E-17	0.00E+00	0.00E+00	0.00E+00	3.09E-19	NA.	6.42E-19	5.85E-17
	Pyridine	3.21E-13	NA	N.	NA	NA	NA	AN	3.21F-13
	Quinoline	3.30E-15	0.00E+00	0.00E+00	0.00E+00	1.77E-17	0.00E+00	3.68E-17	3.35F-15
	Tetrachlorobenzene	1.77E-15	0.00E+00	0.00E+00	0.00E+00	9.48E-18	NA	1.97F-17	1.80F-15
	Tetrachloroethene	6.17E-17	N.	¥	NA	NA	Ä	NA.	6.17E-17
	Toluene	9.84E-16	A	A.	NA	AN	AN	AN	91-178 O
	Trichlorobenzene	8.95E-16	0.00E+00	0.00E+00	0.00E+00	4.80E-18	0-00E+00	9.99E-18	9-10E-16
	Trichloroethene	6.59E-16	AN	N.	N	NA	AN	NA	6.59E-16
	Unsym. dimethyl hydrazine	1.42E-11	0.00E+00	0.00E+00	0.00E+00	7-61E-14	0.00E+00	1.58F-13	1 44F-1
	Vapona	2.87E-17	0-00E+00	0.00E+00	0.00E+00	-54E-	0.00F+00	3 20F-10	2 015-17
	Vinyl acetate	4.07E-16	NA	AN	AN	NA	NA	NA	4 07E-16
	Vinyl chtoride	3.77E-16	A	NA	NA	NA.	A	AN	3 775-16
	Xylenes (total)	7.03E-17	NA.	NA	NA	NA	N	NA	7.03E-1
2	SOLVEDONI								
2	Arsenic	Z 84E-12	0 000	O DOETO	0 000	2 075.15	O DOETO	1. 215.42	700 7
	Toping.	2 2/6 45	00-100-0	0.002.00	00-100-0	1 205-17	O. COE. CO	2 50 10 0	3.095-13
	Chromism (111)	0 025-15	00-00-0	O. COETO	00-00-0	ייש ויי	X 4	Z.30E-10	C. COE- 13
		7,725-12	X 4	2 4	¥ .	Y X	Y Y	Z :	7.72E-12
	Ē	3.495-10	Z.	Y.	Y.	¥.	MA	¥.	3.4%E-10
	copper	1.4/E-14	X.	Y.	NA.	A	0.00E+00	¥.	1.47E-14
	Iron	5.5/E-10	¥.	Z:	NA	A	¥	e e	3.57E-10
	read	1.45E-14	AN.	N.		A	A.		1-45E-14
	Mercury	1.45E-14	0.00E+00	0.00E+00	0.00E+00	7.77E-17	AN	1.62E-17	1.46E-14
	Selentum	4.39E-14	Z.	AN.	A	ď.	NA N	ΑN	4.39E-14
	Silver	2.00E-16	¥2	AN	AN	A	A	Ā	2.00E-1
	Zinc	1.15E-13	NA	NA NA	NA	NA.	0.00E+00	AN	1.15E-13
		Ţ	10 44	WZ/rday					
		3.0	70 Ka	/an/					
		cf e	250 da 365000 (1	day/yr (1000 ug/mg)*(365 day/yr)	65 day/yr)				
				•					
		Total - 4.5 am dans		•					

158		PEFERENCE DOSES	S FOR NONCARCINOGENIC	THOCENTO
-		EFFECTS (mg/kg-day)	day)	JUGGENIC
2.4				
160		Inhalation	Oral	Dermal
162		אדע	KTD	KŦD
163				
164				
165				
166	ORGANICS			
167	Acetone	1.82E+00	1.00E-01	NC
168	Acetonitrile	1.00F-02	6.00F-02	3 DOF-02
169		70 70E 7	2 205.0	1
170	Aldrin	2 557	7 000 05	25.7
174		7 375 04	3.00E-03	1.50E-U5
177		7.76E-US	1.95E-US	9.75E-04
14		5.10E-05	5.00E-05	2.50E-05
25		1.00E-01	1.00E-01	5.00E-02
4		3.26E-02	1.00E-03	
2	Benzotul	5.00E-03	5.00E-03	2.50E-03
1.6	Benzoic	4.00E+00	4.00E+00	00
177		8,00E-03	8.00E-03	4.00E-03
178	_	1.00E-03	.00E	5.00E-04
179		1.33E-03	5.00E-02	Ş
180	Bis(2-ethylhexyl)phthalate	5.10E-03	.00E	-00E
181	_	5.00E-03	5.00E-03	2.50E-03
182	Carbon Tetrachloride	3.16E-02	.00E	S
183		4.00E-03	-00E	2.00E-03
184	_	5.00E-03	2.00E-02	S
185	,	2.45E-02	2.45E-02	1.22E-02
186	4,4-Chlorobiphenyl	2.33E-02	2.33E-02	1.16E-02
187	ㅎ	2.65E+00	NA	S
188		5.00E-02	1.00E-02	SC
189		NA	NA	NA
190	Dic	4.00E-02	9.00E-02	S
191	1,1-Dichloroethane	.00E	1.00E-01	ž
192	1,2-Dichloroethane	4.08E-02	4.89E-03	2.45E-03
193	1,1-Dichloroethene	2.04E-02	9.00E-03	NC
194	1,2-Dichloroethene	8.10E-01	2.00E-02	S
195	1,2-Dichloropropane	3.54E-01	8.60E-03	NC
196	Dieldrin	2.55E-04	5.00E-05	2.50E-05
197	Dimethyldisulfide	8.10E-03	8.10E-03	NC
198	Hexachlorobenzene	8.00E-04	8.00E-04	4.00E-04
199	Hydrazine	1.33E-04	6.00E-04	3.00E-04
200	Lindane	5.10E-04	3.00E-04	1.50E-04
201	Malathion	.02E	2.00E-02	1.00E-02
202	Methyl chloride	.05E	1.80E-02	2
203	Methylene chloride	57F-	6.00F-02	N.
204	Methyl ethyl ketone	9.00E-02	5.00F-01	2.50F-01
205		1 02E-02	5 OOE-02	2 50E-02
206	Monomethy! hydrazine	1 94F-05	2 20F-04	1 10F-04
207	Naphthalene	5.10E-02	4-00E-03	2.00F-03
208	Naphthalene carbonitrile		4.00E-03	2.00E-03
209		80E-	80F	1.40E-04
210	PAHS			
211	Acenaphthalene	6.00F-02	6.00F-02	OF
212	Acenaphthene	6.00E-02	96	16
213	Benzo(a)pyrene	3.00E-02	3.00E-02	1.50E-02
214	100			

ш	1.50E-02	2.00E-02	2.00E-02	1.50E-02	1.50E-02	3.00E-03	4.00E-04	3.00E-01	NC	1.00E-01	1.50E-04	2	2	1.00E-02	2	6.10E-04	4.00E-04	2	2	NC			5.00E-05	5.00E-05	2	NC	NC	S	1.50E-05	S	S	S	
ш	3.00E-02	4.00E-02	4.00E-02	3.00E-02	3.00E-02	6.00E-03	8.00E-04	6.00E-01	1.00E-03	2.00E-01	3.00E-04	1.00E-02	2.00E-01	2.00E-02	7.35E-03	1.22E-03	8.00E-04	1.00E+00	1.30E-03	2.00E+00			1.00E-03	1.00E-03	2	NC	3.80E-02	2	3.00E-04	2	S	2.00E-01	
TARIE R	3.00E-02	4.00E-02	4.00E-02	3.00E-02	3.00E-02	5.10E-05	8.00E-04	1.94E-02	1.63E-02	2.00E-01	3.00E-04	3.46E-01	5.71E-01	3.00E-03	2.74E-01	1.22E-03	8.00E-04	2.00E-01	1.33E-02	8.57E-02			2.04E-04	5.10E-05	5.10E-04	5.10E-05	1.00E-02	1.02E-03	8.57E-05	2.04E-04	1.02E-05	8, 19E-03	
O B	Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Parathion	Pentachlorobenzene	Phenol	Pyridine	Quinoline	Tetrachlorobenzene	Tetrachloroethene	Toluene	Trichlorobenzene	Trichloroethene	Unsym. dimethyl hydrazine	Vapona	Vinyl acetate	Vinyl chloride	Xylenes (total)	THE STATE OF THE S	CAGAMICS	Arsenic	Cadmium	Chromium (III)	Chromium (VI)	Copper	Iron	Mercury	Selenium	Silver	Zinc	
155 B	215	200	717	218	219	220	221	222	223	224	225	526	227	228	229	230	231	232	233	234			237	238	239	240	241	242	243	544	242	546	

	AL EX EX	7.11e-16 8.81e-16 8.92e-17 3.08e-17 3.08e-17 3.09e-17
0	TOTAL ADULT HAZARD INDEX	
z	DERMAL EXPOSURE HAZARD QUOTIENT	1.35E-15 2.53E-16 3.38E-16
Σ	FISH INGESTION HAZARD QUOTIENT	0.00E+00
	SOIL/DUST INGESTION HAZARD QUOTIENT	3.28E-16 1.05E-13 1.05E-13 1.61E-15 1.57E-16 1.08E-16
¥	BEEF INGESTION HAZARD QUOTIENT	NA 0.00E+00
7	MILK INGESTION HAZARD QUOTIENT	NA 0.00E+00
I NDEX	VEGETABLE INGESTION HAZARD QUOTIENT	NA 0.00E+00
H TABLE 9 ADULT HAZARD INDEX	INHALATION HAZARD QUOTIENT	7.11e-16 1.17e-10 1.17e-10 3.49e-12 3.67e-15 3.67e-15 1.36e-14 1.37e-15 1.3
U	WORKER Base case	Actone Actonitrile Actonitrile Actonitrile Actonitrile Aldrin Anil ine Atrazine Benzaldehyde Benzaldehyde Benzofuran Benzofuran Benzotniazole Benzotniazole Biphenyl Bis(2-ethylhexyl)phthalate Carbon Tetrachloride 4-Chloroaniline Chloroenthane Chloroenthane Chloroethane 1,2-Dichloroethene 1,2-Dichl
155 B 156 157 158		165 ORGANICS 166 ORGANICS 167 Act 167 Act 170 Aldr 171 Anid 172 Atra 173 Benz 174 Benz 175 Benz 175 Benz 176 Benz 177 Benz 178 Benz 178 Benz 178 Benz 179 Biph 182 Carb 184 4-Ch 185 4-Ch 185 Ch 190 Dich 191 1,1-D 192 1,2-D 193 1,1-D 194 1,2-D 195 1,2-D 197 Dield 198 Hoxac 198 Hoxac 198 Hoxac 198 Hoxac 200 Linda 201 Malat 201 Methy 202 Methy 204 Methy 205 Methy 207 Naphi 208 Naphi 209 Naphi 209 Naphi 211 Acc 211 Acc 212 Benz 4-Chlor 185 Chlor 196 Chlor 197 Dield 1,2-D 197 Dield 1,2-D 197 Dield 1,2-D 198 Hoxac 200 Naphi 201 Methy 201

1.00E-12	7.52E-13	7.52E-14	3.91E-16	2.01E-12	1.42E-13	4-62E-12	2.97E-15	1-97E-11	1.69E-14	6.05E-12	1.78E-16	1.72E-15	3.00E-13	2.40E-15	1.19E-08	3.68E-14	2.03E-15	2.83E-14	8.20E-16			1.90E-09	4.40E-11	1.95E-11	6.85E-12	1-47E-12	3.50E-07	1.70E-10	2.15E-10	1.96F-11	1.40E-11	6.36E-07
2.18E-14	1.63E-14	1,63E-15	8,48E-18	4.36E-14	2.70E-17	1.00E-13	2.14E-18	NA	3.68E-16	1.31E-13	AN	AN	9 99E - 16	NA	2.59E-10	8.00E-16	NA	AN	AN			8.62E-12	5.00E-14	AN	NA	NA	AN	1.08E-12	NA	AN	NA	1.06E-09
0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	AN	AN	NA	0.00E+00	NA	AN	AN	0.00F+00	NA	0.00E+00	0.00E+00	NA.	AN	AN			0.00E+00	NA	NA	AN	0.00E+00	AN	A	NA.	42	0.00E+00	0.00E+00
5.24E-15	3.93E-15	3.93E-16	2.04E-18	1.05E-14	6.49E-18	2.415-14	5.14E-19	NA.	8.85E-17	3.16E-14	AN	AN	2.40E-16	AN	6.24E-11	1.92E-16	NA	NA	N			2.07E-12	1.20E-14	AN	AN	A	AN	2.59E-13	NA.	AN	NA	2.56E-10
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0,00E+00	0.00E+00	0.00E+00	Ä	0.00E+00	0.00E+00	NA	AN	0.00E+00	NA	0.00E+00	0.00E+00	NA.	NA	AN			0.00E+00	0.00E+00	NA	AN	NA	WA	0.00E+00	AN	AN	N	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0,00E+00	NA	0.00E+00	0.00E+00	NA	NA	0.00E+00	NA	0.00E+00	0.00E+00	NA	NA	NA			0.00E+00	0.00E+00	A	A	AN	AN	0.00E+00	AN	AN	A	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	AN	0.00E+00	0.00E+00	AN	NA A	0.00E+00	NA	0.00E+00	0.00E+00	NA	N	NA			0.00E+00	0.00E+00	NA	NA	N	NA	0.00E+00	NA	AN	N	0.00E+00
9.76E-13	7.32E-13	7.32E-14	3.80E-16	1.95E-12	1.42E-13	4.49E-12	2.97E-15	1.97E-11	1.65E-14	5.89E-12	1.78E-16	1.72E-15	2.98E-13	2.40E-15								1.89E-09			6.85E-12	1.47E-12	3.50E-07	1.69E-10	2,15E-10	1.96E-11	1.40E-11	6.35E-07
Dibenzo(a,h)anthracene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Parathion	Pentachlorobenzene	Phenol	Pyridine	Quinol ine	Tetrachlorobenzene	Tetrachloroethene	Toluene	Trichlorobenzene	Trichloroethene	Unsym. dimethyl hydrazine	Vapona	Vinyl acetate	Vinyl chloride	Xylenes (total)		INORGANICS	Arsenic	Cadmium	Chromium (III)	Chromium (VI)	Copper	Iron	Mercury	Selenium	Silver	Zinc	Total (Hazard Index)
																				6	5											
	9.76E-13 0.00E+00 0.00E+00 0.00E+00 5.24E-15 0.00E+00 2.18E-14	3,h)anthracene 9.76E-13 0.00E+00 0.00E+00 0.00E+00 5.24E-15 0.00E+00 2.18E-14 1.63E-14 1.63E-14	7.32E-13 0.00E+00 0.00E+00 0.00E+00 5.24E-15 0.00E+00 2.18E-14 7.32E-13 0.00E+00 0.00E+00 0.00E+00 3.93E-15 NA 1.63E-14 7.32E-14 0.00E+00 0.00E+00 0.00E+00 3.93E-16 0.00E+00 1.63E-15	Application of the control of the co	o(a,h)anthracene 9.76E-13 0.00E+00 0.00E+00 0.00E+00 5.24E-15 0.00E+00 2.18E-14	o(a,h)anthracene 9.76E-13 0.00E+00 0.00E+00 0.00E+00 5.24E-15 0.00E+00 2.18E-14 nthene 7.32E-13 0.00E+00 0.00E+00 0.00E+00 3.93E-15 NA 1.63E-14 7.32E-14 0.00E+00 0.00E+00 0.00E+00 3.93E-16 0.00E+00 1.63E-16 0.00E+00 1.63E-16 0.00E+00 0.0	o(a,h)anthracene 7.32E-13 0.00E+00 0.00E+00 0.00E+00 0.00E+00 2.24E-15 0.00E+00 2.18E-14 nthene 7.32E-13 0.00E+00 0.00E+00 0.00E+00 3.93E-15 NA 1.63E-14 nchene 7.32E-14 0.00E+00 0.00E+00 3.93E-16 0.00E+00 1.63E-15 threne 7.32E-14 0.00E+00 0.00E+00 3.93E-16 0.00E+00 1.63E-15 threne 7.32E-14 0.00E+00 0.00E+00 2.04E-18 0.00E+00 1.63E-16 1.95E-12 0.00E+00 0.00E+00 0.00E+00 0.00E+00 2.04E-18 0.00E+00 4.73E-14 1.42E-13 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 2.76E-17 robenzene 4.49E-12 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	co(a,h)anthracene 7.32E-13 0.00E+00 0.00E+00 0.00E+00 0.00E+00 2.24E-15 0.00E+00 2.18E-14 anthene 7.32E-14 0.00E+00 0.00E+00 0.00E+00 3.93E-15 NA 1.63E-14 nthrene 7.32E-14 0.00E+00 0.00E+00 0.00E+00 3.93E-16 0.00E+00 1.63E-15 nthrene 7.32E-14 0.00E+00 0.00E+00 0.00E+00 2.04E-18 0.00E+00 8.48E-18 1.95E-12 0.00E+00 0.00E+00 0.00E+00 0.00E+00 4.49E-18 0.00E+00 4.76E-14 0.00E+00 4.76E-14 0.00E+00 2.70E-17 nobenzene 4.49E-12 0.00E+00 0.00E+00 0.00E+00 2.44E-14 NA 2.14E-18 2.97E-15 0.00E+00 0.00E+00 0.00E+00 0.00E+00 2.44E-14 NA 2.14E-18	o(a,h)anthracene 7.32E-13 0.00E+00 0.00E+00 0.00E+00 5.24E-15 0.00E+00 2.18E-14	o(a,h)anthracene 7.36E-13 0.00E+00 0.00E+00 0.00E+00 5.24E-15 0.00E+00 2.18E-14 7.32E-13 0.00E+00 0.00E+00 0.00E+00 3.93E-15 NA 1.63E-14 7.32E-14 0.00E+00 0.00E+00 0.00E+00 3.93E-15 NA 1.63E-14 7.32E-14 0.00E+00 0.00E+00 0.00E+00 3.93E-16 0.00E+00 1.63E-15 NA 1.63E-15 threne 3.80E-16 0.00E+00 0.00E+00 0.00E+00 0.00E+00 2.04E-18 0.00E+00 1.63E-14 0.00E+00 0.0E+00 0.00E+00 0.00E+0	o(a,h)anthracene 7.76E-13 0.00E+00 0.00E+00 0.00E+00 5.24E-15 0.00E+00 2.18E-14 0.00E+00 0.00E+00 0.00E+00 3.93E-15 NA 1.63E-14 0.00E+00 0.00E+00 0.00E+00 3.93E-15 NA 1.63E-14 0.00E+00 0.00E+00 0.00E+00 3.93E-16 0.00E+00 1.63E-15 NA 1.63E-16 0.00E+00 0.00	o(a,h)anthracene 7.32E-13 0.00E+00 0.00E+00 0.00E+00 5.24E-15 0.00E+00 2.18E-14 nthene 7.32E-13 0.00E+00 0.00E+00 3.93E-15 NA 1.63E-14 nthene 7.32E-14 0.00E+00 0.00E+00 3.93E-15 NA 1.63E-14 nthene 7.32E-14 0.00E+00 0.00E+00 3.93E-15 NA 1.63E-15 threne 7.32E-14 0.00E+00 0.00E+00 2.04E-18 0.00E+00 1.63E-14 1.95E-12 0.00E+00 0.00E+00 0.00E+00 0.00E+00 2.04E-18 0.00E+00 4.8E-18 1.95E-14 0.00E+00 0.00E+00 0.00E+00 0.00E+00 2.04E-18 0.00E+00 2.7E-14 NA 1.00E-17 robenzene 4.49E-12 0.00E+00 0.00E+00 0.00E+00 0.00E+00 2.14E-14 NA NA NA 1.55E-14 0.00E+00 0.00E+00 0.00E+00 0.00E+00 2.14E-14 NA NA NA NA	o(a,h)anthracene 7.32E-13 0.00E+00 0.00E+00 0.00E+00 5.24E-15 0.00E+00 2.18E-14 nthene 7.32E-13 0.00E+00 0.00E+00 0.00E+00 3.93E-15 NA 1.63E-14 reference 7.32E-14 0.00E+00 0.00E+00 0.00E+00 3.93E-15 NA 1.63E-15 threne 7.32E-14 0.00E+00 0.00E+00 0.00E+00 2.04E-18 0.00E+00 1.63E-15 threne 7.32E-14 0.00E+00 0.00E+00 0.00E+00 2.04E-18 0.00E+00 4.8E-18 1.95E-12 0.00E+00 0.00E+00 0.00E+00 0.00E+00 2.04E-18 0.00E+00 2.70E-17 robenzene 4.49E-12 0.00E+00 0.00E+00 0.00E+00 2.4E-14 NA NA NA 1.97E-11 NA NA	o(a,h)anthracene 7.32E - 13 0.00E+00 0.00E+00 0.00E+00 0.00E+00 2.24E-15 0.00E+00 2.18E-14 nthene 7.32E - 14 0.00E+00 0.00E+00 0.00E+00 3.93E-15 NA 1.63E-14 7.32E - 14 0.00E+00 0.00E+00 0.00E+00 3.93E-16 0.00E+00 1.63E-15 threne 7.32E - 14 0.00E+00 0.00E+00 2.04E-18 0.00E+00 1.63E-14 1.95E - 12 0.00E+00 0.00E+00 0.00E+00 2.04E-18 0.00E+00 4.8E-18 1.95E - 12 0.00E+00 0.00E+00 0.00E+00 2.04E-18 0.00E+00 2.70E-17 robenzene 4.49E-12 0.00E+00 0.00E+00 0.00E+00 2.41E-14 NA NA 1.97E-11 NA NA NA NA NA NA 1.05E-14 0.00E+00 0.00E+00 0.00E+00 2.0E+0 3.16E-14 NA NA 1.72E-15 NA NA NA NA NA NA	o(a,h)anthracene 7.3ZE-13 0.00E+00 0.00E+00 0.00E+00 5.24E-15 0.00E+00 2.18E-14 nthene 7.3ZE-13 0.00E+00 0.00E+00 0.00E+00 3.9ZE-15 NA 1.6ZE-15 nthene 7.3ZE-14 0.00E+00 0.00E+00 0.00E+00 3.9ZE-15 NA 1.6ZE-15 threshold 0.00E+00 0	7.32E-13 0.00E+00 0.00E+00 5.24E-15 0.00E+00 2.18E-14 7.32E-13 0.00E+00 0.00E+00 0.00E+00 3.93E-15 NA 1.63E-14 7.32E-14 0.00E+00 0.00E+00 0.00E+00 3.93E-15 NA 1.63E-15 3.80E-16 0.00E+00 0.00E+00 0.00E+00 2.04E-18 0.00E+00 1.63E-15 3.80E-16 0.00E+00 0.00E+00 0.00E+00 2.04E-18 0.00E+00 4.36E-14 1.95E-12 0.00E+00 0.00E+00 0.00E+00 1.05E-14 0.00E+00 4.36E-14 1.95E-12 0.00E+00 0.00E+00 0.00E+00 0.00E+00 2.41E-14 NA 1.00E+17 2.97E-15 0.00E+00 0.00E+00 0.00E+00 5.14E-19 NA 2.14E-18 1.97E-11 NA NA NA NA NA NA NA NA NA 1.31E-13 1.72E-15 NA 1.31E-13 1.72E-15 NA	7.32E-13 0.00E+00 0.00E+00 5.24E-15 0.00E+00 2.18E-14 7.32E-13 0.00E+00 0.00E+00 0.00E+00 3.93E-15 NA 1.63E-14 7.32E-14 0.00E+00 0.00E+00 0.00E+00 3.93E-15 NA 1.63E-15 3.80E-16 0.00E+00 0.00E+00 0.00E+00 2.04E-18 0.00E+00 1.63E-15 3.80E-16 0.00E+00 0.00E+00 0.00E+00 2.04E-18 0.00E+00 4.36E-14 1.95E-12 0.00E+00 0.00E+00 0.00E+00 1.05E-14 0.00E+00 4.36E-14 1.95E-12 0.00E+00 0.00E+00 0.00E+00 0.00E+00 2.41E-14 NA 1.00E-17 2.97E-15 0.00E+00 0.00E+00 0.00E+00 0.00E+00 3.46E-18 1.97E-11 NA 1.51E-13 1.78E-16 NA	7.32E-13 0.00E+00 0.00E+00 5.24E-15 0.00E+00 2.18E-14 7.32E-13 0.00E+00 0.00E+00 0.00E+00 3.93E-15 NA 1.63E-14 7.32E-14 0.00E+00 0.00E+00 0.00E+00 3.93E-16 0.00E+00 1.63E-15 3.80E-16 0.00E+00 0.00E+00 0.00E+00 2.04E-18 0.00E+00 1.63E-15 1.95E-12 0.00E+00 0.00E+00 0.00E+00 2.04E-18 0.00E+00 4.36E-14 1.95E-12 0.00E+00 0.00E+00 0.00E+00 0.00E+00 2.49E-18 0.00E+00 2.70E-17 4.49E-12 0.00E+00 0.00E+00 0.00E+00 0.00E+00 2.41E-14 NA 1.00E-13 2.97E-15 0.00E+00 0.00E+00 0.00E+00 0.00E+00 3.14E-19 NA 1.00E-13 2.97E-15 0.00E+00 0.00E+00 0.00E+00 3.14E-19 NA 1.31E-13 1.78E-16 NA	7.32E-13 0.00E+00 0.00E+00 5.24E-15 0.00E+00 2.18E-14 7.32E-13 0.00E+00 0.00E+00 0.00E+00 3.93E-15 NA 1.63E-14 7.32E-14 0.00E+00 0.00E+00 0.00E+00 3.93E-16 0.00E+00 1.63E-15 3.80E-16 0.00E+00 0.00E+00 0.00E+00 2.04E-18 0.00E+00 1.63E-15 1.95E-12 0.00E+00 0.00E+00 0.00E+00 2.04E-18 0.00E+00 4.36E-14 1.95E-13 0.00E+00 0.00E+00 0.00E+00 2.41E-14 NA 1.00E-13 2.97E-13 0.00E+00 0.00E+00 0.00E+00 2.41E-14 NA 1.00E-13 2.97E-15 0.00E+00 0.00E+00 0.00E+00 3.16E-14 NA 1.31E-13 1.97E-11 NA	7.32E-13 0.00E+00 0.00E+00 5.24E-15 0.00E+00 2.18E-14 7.32E-13 0.00E+00 0.00E+00 0.00E+00 3.93E-15 NA 1.63E-14 7.32E-14 0.00E+00 0.00E+00 0.00E+00 3.93E-15 NA 1.63E-15 3.80E-16 0.00E+00 0.00E+00 0.00E+00 2.04E-18 0.00E+00 1.63E-15 1.95E-12 0.00E+00 0.00E+00 0.00E+00 1.05E-14 0.00E+00 4.36E-14 1.95E-13 0.00E+00 0.00E+00 0.00E+00 2.41E-14 NA 1.00E-13 2.97E-13 0.00E+00 0.00E+00 0.00E+00 2.41E-14 NA 1.00E-13 2.97E-15 0.00E+00 0.00E+00 0.00E+00 3.16E-14 NA 1.00E-13 1.97E-11 NA 1.31E-13 1.72E-15 NA	rocanthene 7.32E-13 0.00E+00 0.00E+00 0.00E+00 5.24E-15 0.00E+00 2.18E-14 ordered 0.00E+00 0.00E+00 3.93E-15 NA 1.63E-14 ordered 0.00E+00 0.00E+00 3.93E-15 NA 1.63E-14 ordered 0.00E+00 0.00E+00 3.93E-16 0.00E+00 1.63E-15 ordered 1.93E-14 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.05E-14 0.00E+00	renzo(a,h)anthracene	renzo(a,h)anthracene	renzo (a,h) anthracene 100E+00 0.00E+00	oranthene 7.3E-13 0.00E+00 0.00E+00 0.00E+00 0.3.94E-15 0.00E+00 0.3.95E-15 0.00E+00 0.00E+00 0.00E+00 0.3.95E-15 0.00E+00 0.00E+00 0.00E+00 0.3.95E-15 0.00E+00 0.00E+00 0.00E+00 0.3.95E-15 0.00E+00 0.	coranthene 7.3E-13 0.00E+00 0.00E+00 0.00E+00 0.00E+00 2.24E-15 0.00E+00 2.18E-14 coranthene 7.3E-13 0.00E+00 0.00E+00 0.00E+00 0.00E+00 2.02E+15 0.00E+00 2.02E+16 0.00E+00 0.00E+00 2.02E+16 0.00E+00 0.00E+00 2.02E+16 0.00E+00 0.00E+00 2.02E+18 0.00E+00 0.00E+00 2.02E+18 0.00E+00 2.02E+18 0.00E+00 0.00E+00 0.00E+00	rematchene 7.32E-13 0.00E+00 0.00E+00 0.00E+00 5.24E-15 0.00E+00 1.63E-14 0.00E+00 0.00E+00 0.00E+00 1.63E-15 0.00E+00 1.63E-15 0.00E+00 0.00E+00 0.00E+00 1.63E-15 0.00E+00 1.63E-15 0.00E+00 0.00E+00 0.00E+00 1.05E-14 0.00E+00 1.05E-14 0.00E+00 0.00E+00 1.05E-14 0.00E+00 1.05E-14 0.00E+00 0.00E+00 1.05E-14 0.00E+00 1.05E-14 0.00E+00 0.00E+00 0.00E+00 1.05E-14 0.00E+00 0	organithracene 7.22E-13 0.00E+00 0.00E+00 0.00E+00 5.24E-15 0.00E+00 1.63E-14 organithracene 7.22E-13 0.00E+00 0.00E+00 0.00E+00 3.93E-15 NA 1.63E-14 0.00E+00 0.00E+00 0.00E+00 1.63E-15 NA 1.63E-14 0.00E+00 0.00E+00 0.00E+00 1.63E-14 0.00E+00 1.05E-14 0.00E+00 0.00E+00 1.05E-14 0.00E+00 1.00E+00 1.05E-14 0.00E+00 1.00E+00 1.05E-14 0.00E+00 1.05E-14 0.00E+00 1.05E-14 0.00E+00 1.00E+00 1.05E-14 0.00E+00 1.00E+00 1.00E+14 0.00E+00 1.00E+00 1.00E+00 1.00E+14 0.00E+00 1.00E+00 1.00E+14 0.00E+00 1.00E+00 1.00E+00 1.00E+14 0.00E+00 1.00E+14 0.00E+14 0.0	renzo(a,h)anthracene	oranthracene	remzo(a,h)anthracene 7.32E-13 0.00E+00 0.00E+00 0.00E+00 3.93E-15 0.00E+00 1.63E-14 0.00E+00 0.00E+00 3.93E-15 0.00E+00 1.63E-14 0.00E+00 0.00E+00 0.00E+00 3.93E-15 0.00E+00 1.63E-14 0.00E+00	1.25e-14

L.	92.6566	1.4231 NA NA NA NA 1.4231	5.9203	AN A	Z X X X X	NA NA	NA NA 100.0000
CARCINOGENIC RISK CONTRIBUTION BY PATHWAY	BASE CASE Adult Inhalation	Ingestion Vegetables Wilk Beef Soil\Dust	Dermal	Child Inhalation Ingestion	Vegetables Milk Beef Soil\Dust Fish	Dermal Infant	Inhalation Breast Milk Ingestion Total
ω							
253 254 255 255 256 257	256 259 250 250 250 250 250 250 250 250 250 250	262 264 265 264 267 264 267	269 270 271	272 273 274 275	276 277 278 278 279 280	281 282 284	285 286 287 288 290

9.4.2 Sensitivity Case Emissions — Worker Scenario

8	LATED	VC IN	E	3/Kg		NA	14E-09	NA	11E-14	48F-12	83E-10	NA	89E-10	92E-11	33E-13	NA	~	-	305-12	NA IS	66E-13	85E-14	05E-11	78E-11	NA	¥ S	2 2	NA	A S	03F-14	NA.	38E-11	95E-08	70F-12	NA.	¥	45E-12	15E-12	195-08	95E-09	23E-11	3.89E-11
	CALCL	S V	3 ~	ĵij.			7.	•	<u>-</u>	* ~	,		ထံဖ	o -	- œ		4-	- 4	0	j	٦,	2,0	,	,						2			000	, ,	i		MI	ที่เ	ůĸ	-	2.5	80 0
00	CALCULATED	-	MI.	mg/Kg		AN	7.03E-09	¥	. UYE.	44F	-80E-	¥	96	220	21E	¥	-84E-1	.96E-1	26F-1	NA.	.58E-1	.81E-1	-00E-1	1.76E-11	A.	Y Y	c iii	AN	X S	01E-1	NA	5.30E-11	6.85E-08	2.75F-14	NA	NA	40	146	779	93	.20E	8.76E-11
00	CALCULATED	SOLL SOLL	.2M	mg/Kg		Ä	.57E	NA Y	045.1	24E-1	14E-1	NA	- 44E-	776-1	16E-1	Z	.46E	-01	15F	×	-83E-	.42E-	N	8.92E-12	Y.	K Z	1.03E-12	NA	Z Z	1.02E-14	A	2.69E-11	5.47E-US	1.40E-14	N	N	1.72E-12	1 10E-12	1.85F-13	9.77E-10	1.11E-11	4.44E-11
00	CALCULATED	SOIL SOIL	.2M	mg/Kg		ž	.52E	NA.	O8E-1	.22E-1	.01E-1	X S	.38E	47E-1	10E-1	ž	.42E	28.	1.135-13	A	-79E	40E-1	NA.	8.79E-12	NA:	4 2	1.01E-12	NA:	A A	1.00E-14	NA	2.65E-11	5.42E-U8	1.38E-14	NA	NA	6.7	740	82E	.63E	.16	4.38E-11
٥	DRY	DEPOSITION RATE	g/M2/yr			N	-51E-	SEE.	105-1	.91E-1	.41E-1	NA S	015.1	514-1	.42E-1	A	-79E-1	- JUE -	.77E-1	¥	.37E-	-20E-	NA	1.38E-13	NA.	4 4 4	1.58E-14	NA	AN AN	1.57E-16	NA	.15E-1	205-1	.15E-1	NA	NA	-66E-1	4 15 1	85E-1	51E-1	.72E-1	6.86E-13
Q	TOTAL	DEPOSITION RATE	g/M2/yr			A		N O	845	77E	30E	AN	28E-1	39F-1	93E-1	¥.	.50E-1	. SOE .	7	NA	.03E-1	.03E-1	NA NA	1.27E-12	AN :	4 4 2	1.46E-13	NA	K Z	1.45E-15					NA	ž	-46E	765	.63E	39E	.59E	6.33E-12
AC	AVG. ANN.	CONC.	ug/M3			1.32E-11	1.20E-08	1 86E-14	6 73E-10	4.16E-12	3.07E-10	3.85E-12	1 50E-10	3.28F-09	1.40E-12	1.50E-09	8.24E-13	1.05F-12	3.85E-13	9.26E-13	9.49E-13	4.78E-14	1.66E-10	2.99E-11	3.85E-12	1.10F-11	3.44E-12	5.90E-12	2 18F-12	3.41E-14	9.38E-12	9.02E-11	1.508-14	4.68E-14	4.58E-12	2.76E-10	5.79E-12	3 47F-08	6.20E-13	3.28E-09	3.746-11	1.49E-10
8		RATE	a/sec			1.26E-10	1.14E-07	1 775-12	6.41F-09	3.96E-11	2.92E-09	3.67E-11	01-127	3.12E-08	1.33E-11	1.43E-08	7.85E-12	1.86F-10	3.67E-12	8.82E-12	9.04E-12	4.55E-13	1.58E-09	2.85E-10	3.67E-11	1.05F-10	3.28E-11	5.62E-11	2.08F-11	3.25E-13	8.93E-11	8.59E-10	1.516-13	4.46E-13	4.36E-11	2.63E-09	5.51E-11	3 50F-07	5.90E-12	3.12E-08	5.56E-10	1.42E-09
		13:38:40	WORKER														nthalate	de							total)	a le			4									<u>a</u>	2	trile	l ne	
SENSITIVITY CASE					ORGANICS	Acetone	Acrylonitrile	Aldrin	Aniline	Atrazine	Benzaldehyde	Benzene	Benzoic Acid	Benzonitrile	Benzothiazole	Biphenyl	BIS(Z-ethylhexyl)pl	Carbon Tetrachloric	4-Chloroaniline	Chlorobenzene	4-Chlorobiphenyl	4,4-Cnlorobiphenyl	Chloroform	Dibenzofuran	Ulchlorobenzenes (t	1,1-Dichloroethane	1,2-Dichloroethane	1, 1-Dichloroethene	1,2-Dichloropropane	Dieldrin	Dimethyldisulfide	dexachtoropenzene	indane	Malathion	dethyl chloride	ethylene chloride	Tetnyl ethyl ketone	Tonomethy hydrazin	Naphthalene	laphthalene carboni	n-nitrosodimetnylam PAHS	Acenaphthalene Acenaphthene
	ER AC D D CO CO CO	ER AC D D CO CO CO CO AVERAGE MAXIMUM AVERAGE AVERAGE AVERAGE CALCULATED CALCULATED CALCULATED	ER AC D D CO	ER AC D D CO CO CO CO CO CO CO CO CO AVERAGE MAXIMUM AVERAGE MAXIMUM AVERAGE MAXIMUM AVERAGE CALCULATED CONC IN CONC IN CONC IN SOIL SOIL SOIL SOIL SOIL SOIL SOIL SOIL	ER AC D D CO CO CO AVERAGE MAXIMUM AVERAGE 20-JUN-91 EMISSION AMBIENT DEPOSITION DEPOSITION CONC IN CONC IN CONC IN SOIL 13:38:40 RATE CONC, RATE RATE SOIL SOIL SOIL MORKER g/sec ug/M3 g/M2/yr g/M2/yr .2M .2M .1M mg/Kg mg/Kg mg/Kg	ITIVITY CASE ER AC D D CO CO CO CO CO CO AVERAGE MAXIMUM AVERAGE CALCULATED C	TIVITY CASE	TIVITY CASE	TIVITY CASE ER AC D D CO CO CO CO	TIVITY CASE ER AC D D CO CO CO CO	TIVITY CASE ER	TIVITY CASE ER	TIVITY CASE	TIVITY CASE	TIVITY CASE	Trivity Case ER AC D D CO CO CO	The control of the	Trivity CASE ER	Trivity Case ER AC D D CO CO CO	The control of the	AVG. ANN. TOTAL DRY CALCULATED CONC IN CONC	17.0177 CASE ER AC D D CO CO CO 13.38.40	The control of the	Table Tabl	AVG. ANN. TOTAL DRY CACULATED CALCULATED CALCUL	Trick Case Co	Trivity Case	The continue Conti	The continue Conti	Trivity CASE ER AC D D CO CO CO CO CO CO	The continue contin	The continue contin	Trivity CASE FR	The control of the	The continuence Continuenc	Trivity CASE RR AC	1711717 CASE ER	The control of the	The control of the	The control of the	Trick Color Colo	The control of the

A	2.99E-11 1.27E-12 1.38E-13 8.79E-12 8.92E-12 1.76E-11 1.78E-11	1.27E-11 1.38E-12 8.79E-11 8.92E-11 1.76E-10	1.27E-11 1.38E-12 8.79E-11 8.92E-11 1.76E-10	1.27E-12 1.38E-13 8.79E-12 8.92E-12	4.95E-15 5.36E-16 3.42E-14 3.47E-14 6.85E-14	2.54E-11 2.75E-12 1.76E-10 1.78E-10 3.55E-10	3.15F-15 3.41F-16 2.18F-14 2.21F-14 7.34F-	1 545-12 1 405-12 1 005-14 1 1-15-1-1	2 CDE 14 277 1 100E 11 10.10E 11 2.10E 11	2.30e-14 2.70e-13 1.75e-15 5.46e-15	NA NA NA	1.43E-12 1.55E-13 9.90E-12 1.00E-11 1.98E-11	7.67E-13 8.31E-14 5.31E-12 5.38F-12 1.06F-1	NA NA	AN AN AN	3.88E-13 4.21E-14 2.69E-12 2.72E-12 5.42E-12 5.4	NA N	4 15E-00 4 47E-10 1 24E-09 1 22E-09 0 E1F-00	1 2/E-1/4 1 35E-15 8 41E-1/4 8 72E-1/4 1	OT JOSEPH TO THE TOTAL THE	AN AN AN AN AN			.45E-09 1.89E-10 2.05E-11 1.31E-00 1.32E-00 2.42E-00	26-11 1.38-12 1.50-13 0	325-10 NA NA NA NA	AN NA NA NA	33E-10 NA NA NA NA	NA N	27E-10 7.27E-12 7 87E-13 5 10E-11 1 0.1E-10 1	. 125-10	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	NA NA NA NA	.50E-09 NA NA NA	Yrs ACCUMULATION TIME	M SOIL DEPTH OF MIXING	SOIL BULK DENSIIT	3.15E+07 sec/yr		D* CO = D.	ALATION DFI CO =	LATION DFI CO = DF DF DDF
۵	E-10		E-09	E-10	E-12	E-09		1,10	12	200	E-08	E-10		E-12	E-11		F-11	E-06		F-11		F-12		4-24E-08	3.10E-10	1.265-09	4.42F-11	3 17E-09	9-68F-05	1.63E-09	2,025-09	5.215-00	3.245-11	1.43E-08								
ن 8	Chrysene	Ulbenzo(a,n)anthracene	Fluoranthene	Fluorene	Phenanthrene	Pyrene	Parathion	Pentach orohenzene	Phenol		Pyriaine	Quinoline	Tetrachlorobenzene	Tetrachloroethene	Toluene	Trichlorobenzene	Trichloroethene	Unsym, dimethy! hydraying	Vapona	Vinvi acetate	Vinyl chioride	Xvlenes (total)	INORGANICS	Arsenic	Cadmium	Chromitan (111)		Copper	Iron	Lead	Mercury	Selenium	Silver	Zinc								

18-Jun-7 TOTAL ENFOSSINE PROPSINE PRO	Trivity Case	The control of the	ITIVITY CASE one onitrile lunitrile	T TOTAL	EXPOSURE -	RAGE					
18-Jun-97 EMPSIATION VEGETABLE NILK REFE SOLL/DUST FISH DERWAL	18 Jun 9	18. Jun 97 INMALATION VEGETABLE NILK REEF SOLL/DUST FISH DEBMAL	one onitrile lonitrile								
1.26E-15 Concerned Conce	1.29E-15 (mg/kg/day) (mg/kg/da	1.26E-15 WA	one onitrile lonitrile								
1.29E-15	1.29E-15	1.29E-15	RGANICS Acetone Acetonitrile Acrylonitrile			MILK EXPOSURE (mg/Kg/day)	BEEF EXPOSURE (mg/Kg/day)	SOIL/DUST EXPOSURE (mg/Kg/day)	FISH CONSUMPTION (mg/Kg/day)	DERMAL EXPOSURE (mg/Kg/day)	TOTAL (mg/Kg/da)
1.25E-15	1.28E-15	1.29E-15	Acetone Acetonitrile Acetonitrile								
1.17E-12 0.00E-00 0.0	1.17E-12 0.00E-00 0.0	1.17E-12 0.00E-00 0.00E-00 0.00E-00 0.75E-15 0.00E-00 1.20E-16 0.00E-00 1.20E-15 0.00E-00 0.0	Acetonitrile	1 205-15	44				į		
1.00E-10 0.00E-00 0.00E-00 3.46E-15 0.00E-00 2.00E-14 1.00E-14 1.0	1.08E-18 0.00E-00 0.00E-00 3.48E-18 0.00E-00 2.00E-00 3.48E-18 0.00E-00 0.00E-00 3.48E-18 0.00E-00 2.00E-00 3.48E-18 0.00E-00 2.00E-00 3.48E-18 0.00E-00 3.58E-18 0.00E-00 3.5	1.32E-13	Acrylonitrile	1 17F-12	-	NA OCTOO	AN C	AN A	NA	NA .	1.29E-1
1.322-16 0.00E-00 0.00E-00 0.00E-00 0.2.52E-21 0.00E-00 2.00E-20 0.00E-00 2.00E-00 2.00E-00 0.00E-00 0	1.37E-16 0.00E+00 0.0	1.37E-16 0.00E+00 0.0		4.98E-13	•	NA NA	0.005+00	0. IYE-13	0.00E+00	1.29E-14	1.19E-1
4 0.55g-14 0.00g-00 0.00g-00 3.48g-16 0.00g-00 7.20g-18 0.00g-00 7.20g-18 0.00g-00 0.00g-00 1.59g-16 0.00g-00 7.20g-18 0.00g-00 0.00g-00 1.59g-16 0.00g-00 7.20g-18 0.00g-00 0.00g-00 1.59g-18 0.00g-00 0.00g-00 1.59g-18 0.00g-00 1.50g-18 0.00g-00 1.50g-18 0.00g-00 1.50g-18 0.00g-00 1.50g-18 0.00g-00 0.00g-00 1.70g-18 0.00g-00 1.50g-18 1.50g-18 0.00g-00 1.50g-18 1.50g-18 0.00g-00 1.50g-18 1.50g-18 0.00g-00 1.50g-18 1	1.57E-16 0.00E-00 0.00E-00 0.00E-00 0.7.2E-19 0.00E-00 7.20E-18 0.00E-00 0.7.20E-18 0.00E-00 0.00E-00 0.7.20E-18 0.00E-00 0.00E-00 0.7.20E-19 0.00E-00 0.00E-00 0.00E-00 0.7.20E-19 0.00E-00 0.00E-00 0.00E-00 0.7.20E-19 0.00E-00 0.00E-00 0.00E-00 0.00E-00 0.00E-00 0.00E-00 0.00E-00 0.00E-00 0.00E-00 0.7.20E-19 0.00E-00 0.00E-0	4.07E-16 0.00E+00 0.0	Aldrin	1.82E-18		O OUE+OU	00000	0 42E-24	•	NA C	4.98E-7
3.00E-16 0.00E-00 0.00E-00 0.00E-00 2.15E-16 0.00E-00 3.0E-16 0.00E-00 3.0E-16 0.00E-00 0.00E	3.00E-16 0.00E-00 0.00E-00 0.00E-00 2.15E-16 0.00E-00 3.0E-15 0.00E-00 0.00	1.46E-15 0.00E-00 0.00E-00 0.00E-00 1.7EE-16 0.00E-00 3.30E-16 1.46E-15 0.00E-00 0.00E-00 0.00E-00 1.7EE-16 0.00E-00 1.50E-15 0.00E-00 0.00E-00 0.00E-00 1.7EE-16 0.00E-00 1.50E-15 1.47E-15 0.00E-00 0.00E-00 1.77E-17 0.00E-00 1.50E-16 1.50E-16 1.50E-16 1.47E-15 0.00E-00 0.00E-00 1.77E-17 0.00E-00 1.50E-16 1.50E-17 1.50E-16 1.5	Aniline	6.59E-14		0 005+00	0 005,00	7 . 95- 14		7 3/F 46	1.03E*
3.77E-16 0.00E+00 0.00E+00 0.00E+00 1.59E-16 0.00E+00 3.30E-16 1.60E-17 0.00E+00 0.0	3.70E-14 0.00E-00 0.00E-00 1.59E-16 0.00E-00 3.30E-16 1.66E-15 0.00E-00 0.00E-00 0.00E-00 1.59E-16 0.00E-00 0.00E-00 1.59E-16 0.00E-00 1.66E-16 0.00E-00 0.00E-00 0.00E-00 1.77E-17 0.00E-00 0.00E-00 0.00E-00 1.77E-17 0.00E-00 1.50E-18 0.00E-00 0.00E-00 1.77E-17 0.00E-00 1.50E-18 0.00E-00 0.00E-00 1.77E-17 0.00E-00 1.50E-18 0.00E-00 0.00E-00 1.77E-19 0.00E-00 1.52E-19 0.0	3.70E-14 0.00E-00 0.00E-00 0.00E-00 1.59E-16 0.00E-00 3.70E-17 1.59E-16 0.00E-00 0.00E-00 0.00E-00 1.77E-17 0.00E-00 0.00E-00 0.00E-00 1.77E-19 0.00E-00 1.52E-19 0.00E-00 1.5	Atrazine	4-07E-16		0 - 00E +00	0 005+00	2 155-18		/ .c4E-10	
1.47E-13 0.00E+00 0.0	1.46E-13 0.00E+00 0.0	14.6Fe-14 0.00E+00 0.	Benzaldehyde	3.00E-14		0.00E+00	0 005+00	1 505-16		2 205-16	
1.47E-13 0.00E+00 0.00E+00 0.00E+00 7.77E-14 0.00E+00 1.66E-15 1.67E-15 0.00E+00 0.00E+00 0.00E+00 7.77E-17 0.00E+00 1.66E-16 1.66E-16 1.67E-13 0.00E+00 0.00E+00 0.00E+00 7.77E-17 0.00E+00 1.62E-16 1.77E-13 0.00E+00 0.00E+00 0.00E+00 7.77E-17 0.00E+00 1.62E-16 1.77E-13 0.00E+00 0.00E+00 0.00E+00 7.77E-17 0.00E+00 1.00E+00 0.00E+00 1.76E-19 0.00E+00 1.72E-19 0.00E+00 1.52E-19 1.72E-19 0.00E+00 1.00E+00 0.00E+00 0.00E+00 1.72E-19 0.00E+00 1.22E-19 0.00E+00 1.02E-18 0.00E+00 0.00E+00 0.00E+00 1.72E-19 0.00E+00 1.02E-18 0.00E+00 0.00E+00 0.00E+00 1.72E-19 0.00E+00 1.02E-18 0.00E+00 0.00E+00 0.00E+00 1.72E-17 0.00E+00 1.02E-18 0.00E+00 0.00E+00 0.00E+00 1.72E-17 0.00E+00 1.00E+00 0.00E+00 0.00E+00 1.72E-17 0.00E+00 1.00E+00 0.00E+00 0.00E+00 1.72E-17 0.00E+00 1.00E+00 0.00E+00 1.72E-17 0.00E+00 1.00E+00 0.00E+00 1.72E-17 0.00E+00 1.00E+00 1.72E-17 0.00E+00 1.00E+00 0.00E+00 1.72E-17 0.00E+00 1.00E+00 1.72E-17 0.00E+00 1.7	1.77E-17 0.00E+00 0.00E+00 0.00E+00 1.50E-15 0.00E+00 1.50E-15 1.50E-15 0.00E+00 1.50E-16 0.00E+00 1.50E-16 0.00E+00 1.50E-16 0.00E+00 0.00E+00 0.00E+00 1.77E-17 0.00E+00 1.50E-19 0.00E+00 1.5	1.77E-17 0.00E+00 0.00E+00 0.00E+00 1.77E-17 0.00E+00 1.60E-15 1.60E-15 0.00E+00 1.60E-16 1.60E-16 1.60E-16 1.60E-16 1.60E-16 1.60E-16 0.00E+00 0.00E+00 1.77E-17 0.00E+00 1.60E-16 1.60E-16 1.60E-16 1.60E-16 0.00E+00 0.00E+00 1.77E-17 0.00E+00 1.60E-10 1.60E-16 1.60E-16 1.60E-16 0.00E+00 0.00E+00 1.76E-19 0.00E+00 1.60E-10 1.60E-16 1.60E-16 0.00E+00 0.00E+00 1.76E-19 0.00E+00 1.60E-10 1.60E-16 1.60E-16 0.00E+00 0.00E+00 1.76E-19 0.00E+00 1.60E-10 1.60E-19 1.6	Benzene	3.77E-16		NA	WA.	NA NA	•	NA IN	
1.37E-16 0.00E-00 0.00E-00 0.00E-00 1.77E-17 0.00E-00 1.00E-15 1.00E-15 1.00E-15 1.00E-16 1.0	3.2fe 13 0.00e+00 0.0	3.2ff - 13 0.00ff - 00 0.00ff	Benzofuran	1.46E-13		0.00F+00	O OPETON	7 72E-16		1 405.15	7.001.1
3.21E-13 0.00E-00 0.00E-00 0.00E-00 1.70E-15 0.00E-00 3.52E-15 1.50E-16 0.00E-00 0.00E-00 0.00E-00 1.70E-15 0.00E-00 1.50E-18 1.50E-18 1.50E-18 0.00E-00 0.00E-00 0.00E-00 1.70E-15 0.00E-00 1.50E-18 1.50E-17 0.00E-00 0.00E-00 0.00E-00 1.70E-18 1.50E-18 1.5	1.37E-15 0.00E-00 0.00E-00 0.00E-00 1.70E-15 0.00E-00 3.52E-15 137E-16 0.00E-00 0.00E-00 0.00E-00 1.70E-15 0.00E-00 1.50E-18 1.50E-18 1.50E-18 0.00E-00 0.00E-00 0.00E-00 3.52E-15 0.00E-00 1.50E-18 1.50E-18 0.00E-00 0.00E-00 0.00E-00 3.5E-19 0.00E-00 7.24E-18 0.00E-00 0.00E-00 0.00E-00 3.6E-19 0.00E-00 7.5E-19 0	3.21E-13 0.00E+00 0.0	Benzoic Acid	1.47E-14		0.00F+00	0 005+00	7 775-17		1 425-14	
1.37E-16 0.00E+00 0.00E+00 0.00E+00 7.23E-19 0.00E+00 1.59E-18 1.47E-15 0.00E+00 0.00E+00 0.00E+00 7.23E-19 0.00E+00 1.59E-18 1.47E-19 0.00E+00 1.59E-18 0.00E+00 1.59E-19 0.00E+00 7.24E-18 1.91E-15 0.00E+00 0.00E+00 0.00E+00 3.4EE-19 0.00E+00 7.24E-19 0.00E+00 0.00E+00 0.00E+00 1.99E-19 0.00E+00 4.15E-19 0.00E+00 7.24E-18 0.00E+00 7.24E-18 0.00E+00 7.24E-18 0.00E+00 7.24E-18 0.00E+00 7.24E-18 0.00E+00 7.24E-18 0.00E+00 7.24E-19 0.00E+00 7.24E-19 0.00E+00 7.24E-18 0.00E+00 0.00E+00 0.00E+00 7.24E-19 0.00E+00 7.2	1.37E-16 0.00E+00 0.00E+00 0.00E+00 7.23E-19 0.00E+00 1.50E-18 1.50E-18 0.00E+00 1.50E-18 0.00E+00 1.50E-18 0.00E+00 1.50E-18 0.00E+00 1.50E-19 0.00E+00 1.50E+00 1.50E-19 0.0	1.37E-16 0.00E+00 0.00E+00 0.00E+00 7.23E-19 0.00E+00 7.50E-18 NA	Benzonitrile	3.21E-13		0.00E+00	0.005+00	1 70F-15		2 52E-15	
14.47E-13 NA	14.47E-13 NA	149te 8.7F=73 NA	Benzothiazole	1.37E-16		0.00E+00	0.00E+00	7.23E-19		1.50F-18	
8.07E-17 0.00E+00 0.00E+00 0.00E+00 3.48E-19 0.00E+00 8.87E-19 0.00E+00 0.0	8.07E-17 0.00E+00 0.00E+00 0.00E+00 3.48E-18 0.00E+00 8.87E-19 0.00E+00 0.0	1.91E-17 0.00E+00 0.00E+00 0.00E+00 3.48E-19 0.00E+00 0.0	Biphenyl			NA	NA	NA		NA	
6.59E-16 0.00E+00 0.00E+00 0.00E+00 3.48E-18 0.00E+00 7.24E-18 0.00E+00 7.24E-18 0.00E+00 7.24E-18 0.00E+00 7.24E-18 0.00E+00 0.00E+00 1.99E-19 0.00E+00 7.24E-18 0.00E+00 0.00E+00 7.24E-18 0.00E+00 7.00E+00 7.00E+00 7.00E+00 7.00E+00 7.00E+00 7.00E+00 7.24E-19 0.00E+00 7.00E+00 7.0	1.57E-17 1.57E-18 1.57E-17 1.57E-18 1.57E-17 1.57E-18 1.57E-17 1.57E-18 1.57E-18 1.57E-17 1.57E-18 1.57E-17 1.57E-18 1.57E-18 1.57E-17 1.57E-17 1.57E-17 1.57E-17 1.57E-17 1.57E-17 1.57E-18 1.57E-17 1.57E-18 1.57E-18 1.57E-18 1.57E-18 1.57E-18 1.57E-18 1.57E-19 1.57E-19 1.57E-19 1.57E-17 1.57E-17 1.57E-17 1.57E-17 1.57E-18 1.57E-	6.58E-16 0.00E+00 0.00E+00 0.00E+00 3.48E-18 0.00E+00 7.24E-18 NA	Bis(2-ethylhexyl)phtha			0.00E+00	0.00E+00	4.27E-19	0.00F+00	8 87E-10	8 20F-1
1.0 2.77E-17 0.00E+00 0.00E+00 1.99E-19 0.00E+00 1.02E-18 0.00E+00 0.00E+00 1.09E-19 0.00E+00 1.02E-18 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.02E-18 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.02E-19 0.00E+00 1.02E-18 0.00E+00 0.00E+00 0.00E+00 1.76E-17 0.00E+00 1.02E-18 0.00E+00 0.00E+00 0.00E+00 1.76E-17 0.00E+00 1.02E-17 0.00E+00 1.02E-17 0.00E+00 1.02E-17 0.00E+00 1.02E-17 0.00E+00 1.76E-17 0.00E+00 1.02E-17 0.00E+00 1.76E-17 0.00E+00 1.76E-18 0.00E+00 1.76E-18 0.00E+00 1.76E-18 0.00E+00 1.76E-18 0.00E+00 1.77E-20	3.77E-17 0.00E+00 0.00E+00 1.99E-19 0.00E+00 4.15E-19 0.00E+00 1.00E+00 1.0	1.08E-15 1.08E-17 1.08E-18 1.09E-19 1.09E-10 1.0	Carbazole	6.59E-16		0.00E+00	0.00E+00	3.48E-18	0-00E+00	7.26F-18	6 60F-1
9.06E-17 0.00E+00 0.00E+00 0.00E+00 1.99E-19 0.00E+00 4.15E-19 9.06E-17 0.00E+00 0.00E+00 0.00E+00 4.99E-19 0.00E+00 1.00E+18 4.07E-18 0.00E+00 0.00E+00 0.00E+00 4.91E-19 0.00E+00 1.00E+18 4.07E-18 0.00E+00 0.00E+00 0.00E+00 2.47E-20 0.00E+00 3.66E-17 1.62E-14 NA	9.06E-17 0.00E+00 0.00E+00 0.00E+00 1.99E-19 0.00E+00 4.15E-19 0.06E-17 0.00E+00 0.00E+00 0.00E+00 4.91E-19 0.00E+00 1.00E+00 0.00E+00 0.00E+00 4.91E-19 0.00E+00 1.00E+00 0.00E+00 0.0	3.77E-17 0.00E+00 0.00E+00 0.00E+00 1.99E-19 0.00E+00 4.15E-19 0.00E+00 1.00E+19 0.00E+00 0.00E+00 1.99E-19 0.00E+00 1.00E+18 0.00E+00 0.00E+00 0.00E+00 2.47E-20 0.00E+00 1.00E+18 0.00E+00 0.00E+00 0.00E+00 1.76E-17 0.00E+00 5.14E-20 3.33E-17 0.00E+00 0.00E+00 0.00E+00 1.76E-17 0.00E+00 5.14E-20 3.33E-17 0.00E+00 0.00E+00 1.00E+00 1.76E-17 0.00E+00 5.14E-20 3.33E-17 0.00E+00 0.00E+00 1.55E-17 0.00E+00 5.14E-20 3.22E-17 0.00E+00 5.14E-20 3.33E-17 0.00E+00 0.00E+00 1.55E-17 0.00E+00 5.14E-20 3.22E-17 0.00E+00 0.00E+00 1.55E-17 0.00E+00 5.14E-20 3.22E-17 0.00E+00 0.00E+00 1.77E-18 0.00E+00 0.00E+00 1.77E-18 0.00E+00 0.00E+00 1.77E-18 0.00E+00 0.00E+00 1.77E-18 0.00E+00 0.00E+00 0.00E+00 1.77E-20 0.00E+00 1.25E-18 0.00E+00 0.00E+00 0.00E+00 1.77E-20 0.00E+00 1.25E-18 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.27E-17 0.00E+00 1.25E-18 0.00E+00 0.0	Carbon Tetrachloride	1.91E-15		NA	NA.	NA N	NA		1.91E-1
9.05E-17 NA	9.29E-17 9.29E-17 9.20E-17 0.00E+00 0.0	9.29E-17 9.00E-17 9.29E-17 9.00E-17 9.29E-17 9.00E-10 9.29E-17 9.00E-10 9.00E-10 9.00E-10 9.29E-17 9.00E-10 9.0	4-Chloroaniline	3.77E-17	0	0.00E+00	0.00E+00	1.99E-19	0.00E+00	4.15E-19	3.83E-1
9.28F-17 0.00E+00 0.00E+00 0.00E+00 4.91E-19 0.00E+00 1.02E-18 1.02E-18 0.00E+00 0.0	9.28F-17 0.00E+00 0.00E+00 0.00E+00 4.91E-19 0.00E+00 1.02E-18 1.02E-18 0.00E+00 0.00E+00 0.00E+00 1.27F-20 0.00E+00 1.02E-18 1.02E-18 0.00E+00 0.00E+00 0.00E+00 1.27F-20 0.00E+00 1.02E-17 0.00E+00 0.00E+00 1.00E+00 1.00E+10 1.0	4.57E-17 0.00E+00 0.00E+00 0.00E+00 1.02E-18 0.00E+00 1.02E-18 1.45E-17 0.00E+00 0.00E+00 0.00E+00 1.02E-18 1.45E-17 0.00E+00 0.00E+00 0.00E+00 1.02E-18 1.45E-17 0.00E+00 0.00E+00 0.00E+00 1.02E-17 0.00E+00 0.00E+00 0.00E+00 1.55E-17 0.00E+00 3.22E-17 0.00E+00 0.00E+00 0.00E+00 1.55E-17 0.00E+00 3.22E-17 0.00E+00 0.00E+00 0.00E+00 1.55E-17 0.00E+00 3.22E-17 0.00E+00 0.00E+00 0.00E+00 1.77E-18 0.00E+00 0.00E+00 0.00E+00 1.77E-18 0.00E+00 0.00E+00 0.00E+00 1.77E-18 0.00E+00 0.00E+00 0.00E+00 1.77E-18 0.00E+00 0.00E+00 0.00E+00 1.77E-17 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.77E-17 0.00E+00 0.0	Chlorobenzene	9.06E-17		NA	NA	A'A	AN	NA.	9.06E-1
3.37E-18 0.00E+00 0.00E+00 0.00E+00 0.00E+00 5.14E-20 0.00E+00 0.0	3.35E-15 0.00E+00 0.00E+00 0.00E+00 1.57E-20 0.00E+00 5.14E-20 3.66E-17 1.62E-14 NA	3.35E-15 0.00E+00 0.00E+00 0.00E+00 1.55E-17 0.00E+00 3.64E-17 1.62E-14 NA	4-Chloropiphenyl	9.296-17		0.00E+00	0.00E+00	4.91E-19	0.00E+00	1.02E-18	9.44E-1
3.35E-15 0.00E+00 0.00E+00 1.76E-17 0.00E+00 3.66E-17 3.45E-14 NA	1.52E-15 0.00E+00 0.00E+00 0.00E+00 1.76E-17 0.00E+00 3.66E-17 1.62E-14 NA	3.37E-15 0.00E+00 0.00E+00 1.75E-17 0.00E+00 3.66E-17 NA	4,4-Chloropiphenyl	4-6/E-18		0.00E+00	0.00E+00	2.47E-20	0.00E+00	5.14E-20	4.75E-1
1.) 2.5E=14 NA	1.) 3.77E-16 NA	1.) 5.7E=14 NA	Chloroethane	3.33E-15			0.00E+00	1.76E-17	0.00E+00	3.66E-17	3.38E-1
1.) 3.77E-16 NA	2.38E-15 0.00E+00 0.0	2.38E-15 0.00E+00 0.00E+00 0.00E+00 1.55E-17 0.00E+00 3.22E-17 NA	Chlorotorm	1.62E-14		NA	NA	NA	AN	AN	1.62E-1
1.0 2.38E-17 NA	3.37E-16 NA	3.37E-16	Dibenzoturan			0.00E+00	0.00E+00		0.00E+00	3.22E-17	2.98E-1
1.08E-17 NA	2.38E-17 NA NA NA NA NA NA NA NA NA N	2.35E-17 NA NA NA NA NA NA NA NA NA N	Dicilior openzenes (tota	.,,		¥	NA	NA	NA	AN	3.77E-1
1.08E-15 NA	3.37E-16 0.00E+00 0.00E+	1.08E-15 NA	1,4-Dichloropenzene			AN	NA	NA	Ä	AN	2.38E-1
5.57E-16 NA	5.5/E-16	3.5/E-16 0.00E+00 0.00E+00 0.00E+00 1.78E-18 0.00E+00 3.71E-18 NA	1, I-Dichloroethane		•			AN	AN	NA	1.08E-1
2.7/E-16 NA	2.7/6-16 NA	5.7(FE-16) NA	1,2-Dichloroethane	3.3/E-16	0		$\overline{}$.78E		3.71E-18	3.42E-1
4.38E-16 NA	4.38E-16 NA	4.78E-16 NA	1, 1-Dichloroethene	5. (/E-16		N	NA	NA	NA	AN	5.77E-1
2.14E-16 NA NA NA NA NA NA NA NA NA 8.83E-18 0.00E+00	2.14E-16 NA NA NA NA NA NA NA NA NA N	2.14E-16 NA NA NA NA NA NA NA NA NA N	1,2-Dichloroethene	4.99E-16		NA	NA	NA	N	A	4.99E-1
3.54E-18 0.00E+00 0.00E+00 0.00E+00 1.77E-20 0.00E+00 3.67E-20 0.00E+00 0.00E+00 0.00E+00 1.77E-20 0.00E+00 3.67E-20 0.00E+00 0.0	3.54E-18 0.00E+00 0.00E+00 1.77E-20 0.00E+00 3.67E-20 0.00E+01 1.77E-16 NA	3.34E-18 0.00E+00 0.00E+00 1.77E-20 0.00E+00 3.67E-20	1, 2-Dichloropropane	2. T4E-16	NA.	N	NA	AN	NA	A	2.14E-10
8.83E-15 0.00E+00 0.00E+00 0.00E+00 4.67E-17 0.00E+00 9.71E-17 1.25E-13 0.00E+00 0.0	8.35E-15 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.71E-17 0.00E+00 0.0	8.35E-15 0.00E+00 0.00E+00 0.00E+00 6.03E-17 0.00E+00 9.71E-17 1.55E-18 0.00E+00 0.0	Dietarin	.34E-	0.00E+00	0.00E+00	0.00E+00	1.77E-20	0.00E+00	3.67E-20	3.39E-1
8.85E-15 0.00E+00 0.00E+00 0.00E+00 4.67E-17 0.00E+00 9.71E-17 1.14E-11 0.00E+00 0.0	8.85E-15 0.00E+00 0.00E+00 0.00E+00 4.67E-17 0.00E+00 9.71E-17 1.14E-11 0.00E+00 0.0	8.83E-15 0.00E+00 0.00E+00 0.00E+00 4.67E-17 0.00E+00 9.71E-17 1.14E-11 0.00E+00 0.0	Junetinytaisut Tide	-1/E-	NA	AN	NA	NA	NA	AN	9.17E-10
1.14E-11 0.00E+00 0.00E+00 0.00E+00 6.03E-14 0.00E+00 1.25E-13 1.55E-13 1.55E-13 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.71E-20 1.7	1.14E-11 0.00E+00 0.00E+00 0.00E+00 6.03E-14 0.00E+00 1.25E-13 1.55E-13 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.71E-20 0.00E+00 1.71E-20 0.00E+00 0.0	1.14E-11 0.00E+00 0.00E+00 0.00E+00 6.03E-14 0.00E+00 1.25E-13 1.55E-18 0.00E+00 0.00E+00 0.00E+00 8.20E-21 0.00E+00 1.71E-20 4.58E-18 0.00E+00 0.00E+00 0.00E+00 2.42E-20 0.00E+00 1.71E-20 4.48E-16 NA	Hexach lorobenzene	.83E-	0-00E+00	0.00E+00	0.005+00	4.67E-17	0.00E+00	9.71E-17	8.97F-1
1.55E-18 0.00E+00 0.00E+00 0.00E+00 8.20E-21 0.00E+00 1.71E-20 4.58E-18 0.00E+00 0.00E+00 0.00E+00 2.42E-20 0.00E+00 5.04E-20 4.58E-18 0.00E+00 0.00E+00 0.00E+00 2.42E-20 0.00E+00 5.04E-20 5.04E-20 0.00E+00 0.0	1.55E-18 0.00E+00 0.00E+00 0.00E+00 8.20E-21 0.00E+00 1.71E-20 4.58E-18 0.00E+00 0.00E+00 0.00E+00 2.42E-20 0.00E+00 5.04E-20 4.58E-18 0.00E+00 0.00E+00 0.00E+00 2.42E-20 0.00E+00 5.04E-20 5.04E-20 0.00E+00 0.0	1.55E-18 0.00E+00 0.00E+00 0.00E+00 8.20E-21 0.00E+00 1.7TE-20 4.58E-18 0.00E+00 0.00E+00 0.00E+00 2.42E-20 0.00E+00 5.04E-20 4.58E-18 NA	Hydrazine	.14E-	0.00E+00	0.00E+00	0.00E+00	6.03E-14	0.00E+00	1.25E-13	1.16F-1
4.58E-18 0.00E+00 0.00E+00 0.00E+00 2.42E-20 0.00E+00 5.04E-20 4.58E-1 4.48E-16 NA NA NA NA NA NA NA NA 1.48E-1 2.70E-14 NA NA NA NA NA 2.70E-1 5.66E-16 0.00E+00 0.00E+00 0.00E+00 2.99E-18 0.00E+00 5.65E-18 5.75E-1 5.66E-12 0.00E+00 0.00E+00 0.00E+00 0.00E+00 5.65E-18 5.75E-1 3.60E-12 0.00E+00 0.00E+00 0.00E+00 1.90E-14 0.00E+00 3.55E-19 5.26E-1 6.06E-17 0.00E+00 0.00E+00 0.00E+00 1.90E-17 0.00E+00 3.53E-15 3.26E-1 3.66E-15 0.00E+00 0.00E+00 0.00E+00 1.93E-17 0.00E+00 4.02E-17 3.72E-1 1.46E-14 0.00E+00 0.00E+00 0.00E+00 7.72E-17 0.00E+00 1.60E-16 1.48E-1	4.58E-18 0.00E+00 0.00E+00 0.00E+00 2.42E-20 0.00E+00 5.04E-20 4.56E-19 4.58E-18 NA	4.58E-18 0.00E+00 0.0	Lindane	.55E-	0.00E+00	0.00E+00	0.00E+00	8.20E-21	0.00F+00	1 71E-20	1 585-15
4.48E-16 NA	4.48E-16 NA	4.48E-16 NA	Malathion	-58E-	0.00E+00	0.00F+00	O OPE+OO	02.367.6	0 00000	2002 - 200	7 765-16
2.70E-14 NA	2.70E-14 NA	2.70E-14 NA	Methyl chloride	-48E-	AN	NA	NA COLO	מיייים און	O. COE TOO	03-340-6	
5.66E-16 0.00E+00 0.00E+00 0.00E+00 2.99E-18 0.00E+00 6.28E-18 5.75E-1 5.14E-16 0.00E+00 0.00E+00 0.00E+00 2.72E-18 0.00E+00 5.65E-18 5.22E-1 3.60E-12 0.00E+00 0.00E+00 0.00E+00 1.90E-14 0.00E+00 5.65E-18 5.22E-1 6.06E-17 0.00E+00 0.00E+00 0.00E+00 3.21E-19 0.00E+00 6.67E-19 6.16E-1 3.21E-13 0.00E+00 0.00E+00 0.00E+00 1.70E-15 0.00E+00 3.53E-15 3.26E-1 3.66E-14 0.00E+00 0.00E+00 0.00E+00 1.93E-17 0.00E+00 1.60E-17 3.72E-1	5.66E-16 0.00E+00 0.0	5.66E-16 0.00E+00 0.00E+00 0.00E+00 2.99E-18 0.00E+00 6.23E-18 5.14E-16 0.00E+00 0.00E+00 0.00E+00 2.72E-18 0.00E+00 6.23E-18 5.14E-16 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.90E-14 0.00E+00 3.56E-14 0.00E+00 0.00E+00 0.00E+00 1.90E-14 0.00E+00 3.51E-19 0.00E+00 3.51E-19 0.00E+00 3.53E-15 3.21E-13 0.00E+00 0.00E+00 0.00E+00 1.70E-15 0.00E+00 3.53E-15 3.66E-15 0.00E+00 0.00E+00 0.00E+00 7.72E-17 0.00E+00 1.60E-16 1.46E-14 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.55E-15 0.00E+00 3.22E-16 2.93E-14 0.00E+00 0.00E+00 0.00E+00 1.55E-16 0.00E+00 3.22E-16	Methylene chloride	.70E-	A	NA.	2	VIII	AN A	Y S	
5.14E-16 0.00E+00 0.00E+00 0.00E+00 2.72E-18 0.00E+00 5.55E-18 5.22E-1 3.60E-12 0.00E+00 0.00E+00 0.00E+00 1.90E-14 0.00E+00 5.65E-18 5.22E-1 6.06E-17 0.00E+00 0.00E+00 0.00E+00 3.21E-19 0.00E+00 6.67E-19 6.16E-1 3.21E-13 0.00E+00 0.00E+00 0.00E+00 1.70E-15 0.00E+00 6.67E-19 6.16E-1 3.66E-15 0.00E+00 0.00E+00 0.00E+00 1.93E-17 0.00E+00 1.60E-17 3.72E-1 1.46E-14 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.60E-16 1.48E-1	5.14E-16 0.00E+00 0.0	5.14E-16 0.00E+00 0.0	Methyl ethyl ketone	66F-1	0 005+00	00000	0 001100	2 00 c	AN C	AN Y	
3.60E-12 0.00E+00 0.00E+00 0.00E+00 1.90E-14 0.00E+00 3.65E-14 3.65E-14 0.00E+00 0.0	3.60E-12 0.00E+00 0.00E+00 0.00E+00 1.90E-14 0.00E+00 3.65E-14 3.65E-14 0.00E+00 0.0	3.60E-12 0.00E+00 0.00E+00 0.00E+00 1.00E+10 0.00E+10 3.50E-18 0.00E+10 0.0	4-Methylphenol	14F-1	0.00=+00	00000	000000	2 775 10	0.00E+00	0.435-10	725-
Le 3.21E-17 0.00E+00 0.00E+00 0.00E+00 1.93E-17 0.00E+00 3.53E-17 3.25E-17 3.25E-17 3.25E-17 3.25E-17 3.25E-17 3.72E-17 1.46E-14 0.00E+00	Le 3.21E-17 0.00E+00 0.00E+00 0.00E+00 1.93E-17 0.00E+00 3.53E-14 5.65E-17 0.00E+00	Le 5.06E-17 0.00E+00 0.00E+00 0.00E+00 1.50E-14 0.00E+00 5.75E-14 0.00E+00	Monomethy! hydrazine	KOF-1	0 005+00	00100	001100	01.755.10	0.005+00	2.025-18	- 275
le 3.21E-13 0.00E+00 0.00E+00 0.00E+00 1.70E-19 0.00E+00 5.57E-19 6.16E-1 3.66E-15 0.00E+00 0.00E+00 0.00E+00 1.93E-17 0.00E+00 4.02E-17 3.72E-1 1.46E-14 0.00E+00 0.00E+00 0.00E+00 7.72E-17 0.00E+00 1.60E-16 1.48E-1	le 3.21E-13 0.00E+00 0.00E+00 0.00E+00 1.70E-19 0.00E+00 6.6/E-19 6.16E-1 3.66E-15 0.00E+00 0.00E+00 0.00E+00 1.93E-17 0.00E+00 4.02E-17 3.72E-1 1.46E-14 0.00E+00 0.00E+00 0.00E+00 7.72E-17 0.00E+00 1.60E-16 1.48E-1 2.66E-14 0.00E+00 0.00E+00 0.00E+00 7.72E-17 0.00E+00 1.60E-16 1.48E-1	le 3.21E-13 0.00E+00 0.00E+00 0.00E+00 1.70E-19 0.00E+00 3.51E-19 0.00E+00 3.51E-19 0.00E+00 3.51E-19 0.00E+00 3.51E-19 0.00E+00 3.53E-15 0.00E+00 3.22E-16	Naphthalene	OKE-1	000000	00-100-0	0.005+00	1.90E-14	0.00E+00	5.96E-14	.65E-1
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111VITY CASE 18-Jun-91 16:55:55 WORKER Lonitrile Lonitrile Lonitrile Lonitrile Lonitrile Lonitrile Lothiazole Lothiazole Lothiazole Lothiazole Lothiazole Lotobiphenyl Lotobenzene Lotobiphenyl Lotobenzene Lot		,	TARIE	₹ ~	!	=	2		ř	2	É
The control of the		SENSITIVITY CASE	ADULT	TOTAL	•	IMUM					
Control Cont		18- 1.41	-	SURE	VEGETABLE EXPOSURE	MILK EXPOSURE	BEEF EXPOSURE	SOIL/DUST EXPOSURE	FISH	DERMAL	TOTAL
1.29E-15		Ĭ		(App /6)	C App /Su /Sun)	(mg/ kg/ day)	(MB) VB) day)	(way kay day)	(Aph / By / Bill)	(mg/kg/kg/	(IIIg/kg/day
Continue 1.75E-15 NM	8	GANICS									
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Statistics 4,077E-16 0.000E+00 0.000E+00 0.000E+00 4,54E-18 Statistics 4,077E-16 0.000E+00 0.000E+00 0.000E+00 0.000E+00 4,54E-18 Cord Action 1,57E-16 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1,54E-15 Contination 1,57E-17 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1,54E-15 0.000E+00 1,54E-15 Contination 1,57E-17 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1,54E-15 0.000E+00 1,54E-15 Contribution 1,57E-17 0.000E+00 0.000E+00 </td <td></td> <td>Aniline</td> <td>.9</td> <td>59E-14</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>0.00E+00</td> <td>3.53E-16</td> <td></td> <td>7.35E-16</td> <td>6.69E-1</td>		Aniline	.9	59E-14	0.00E+00	0.00E+00	0.00E+00	3.53E-16		7.35E-16	6.69E-1
tardenlydee 3.77E-16 0.00E+00 0.00E+00 0.00E+00 0.00E+00 3.35E-16 0.00E+00		Atrazine	4.	07E-16	0.00E+00	0.00E+00	0.00E+00	2.18E-18		4.54E-18	4.14E-1
Contract 1,46E-13 0.00E+00 0.00E+00 0.00E+00 1.53E-15 0.00E+00 1.54E-15 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.52E-18 0.00E+00 1.54E-15 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.72E-15 0.00E+00 1.54E-15 0.00E+00 0.00E+00 0.00E+00 1.72E-18 0.00E+00 1.54E-15 0.00E+00 0.00E+00 0.00E+00 1.72E-18 0.00E+00 1.54E-15 0.00E+00 0.00E+00 0.00E+00 1.72E-18 0.00E+00 1.54E-15 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.72E-18 0.00E+00 1.54E-18 0.00E+00 0.0		Benzaldehyde	w i	00E-14	0.00E+00	0.00E+00	0.00E+00	1.61E-16		3.35E-16	3.05E-1
controlled		Benzofuran	, -	//E-10	NA	NA	NA OCTO	7 02F 46		A ZZZ AE	3.77E-1
certain contriving the state of the control co		Benzoic Acid	- (-	47F-16	0.005+00	0 000+00	0.005+00	7 88E-17		1,635-15	1.485-1
Certy/lexy(l)pithalate 137E-13 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.33E-19 0.00E+00 1.53E-19 2-ethy(lexy(l)pithalate 6.37E-13 0.00E+00		Benzonitrile	7	21E-13	0.00E+00	0.00E+00	0.005+00	1.725-15		3.58F-15	7 26E-1
Comparison Com		Benzothiazole	-	37E-16	0.00E+00	0.00E+00	0.000+00	7.33E-19		1.52E-18	1.39E-1
And the control of co		Biphenyl		47E-13	NA	NA	AN	NA		NA	1.47E-1
Control of the control of contr		Bis(Z-ethylhexyl)phthala	w v	07E-17	0.00E+00	0.00E+00	0.00E+00	4.33E-19	0.00E+00	9.00E-19	8.20E-1
Control of the cont		Carbon Tetrachloride	••	01E-15	0.00E+00	0.00E+00	0.00E+00	3.53E-18	0.00E+00	7.35E-18	6.69E-1
Control phenyl Cont		4-Chloroaniline	3	77E-17	0.00E+00	0.005+00	0-00E+00	2.02E-19	0-00E+00	4.21E-19	3.83F-1
1000 10000 10000 10000 10000 10000 10000 10000 10000		Chlorobenzene	6	06E-17	NA.	N	NA	NA	NA	NA	9.06E-1
Total control		4-Chlorobiphenyl	0	29E-17	0.00E+00	0.00E+00	0.00E+00	4.98E-19	0.00E+00	1.04E-18	9.44E-1
Toroin 1.62E-14 NOE-00 0.00E-00 0.00E-0		Chloroethane	* N	225-18	0.005+00	0.00E+00	0.00E+00	2.51E-20	0.00E+00	5.22E-20	4.75E-1
Comparison		Chloroform		52E-14	NA NA	NA NA	O. OUE+UU	NA NA	NA NA	3.7 IE- 17	3.58E-1
Orobenzenes (total) 3.77E-16 NA		Dibenzofuran		93E-15	0.00E+00		0.00E+00	.57E-		3.27E-17	2.98E-1
1.01 NA N		Dichlorobenzenes (total)		77E-16	AN	NA	NA	NA	NA	NA	3.77E-10
1,06E-15		1 1-Pichlomostham	2	38E-17	A.	N.	NA	Y.	Y.	NA	2.38E-1
Dichloroethene 5.77E-16 NA		1.2-Dichloroethane	- K	37E-15	NA	NA O OCETOO	NA	NA P	NA	NA 725-10	1.08E-1
Dichloroethene 4.99E-16 NA		1,1-Dichloroethene	חות	77E-16	NA NA	NA NA	O.OC.	NA NA	O.UG+UU	3.70E-16	5 775-1
Dichloropropane 2.14E-16 NA NA </td <td></td> <td>1,2-Dichloroethene</td> <td>4.9</td> <td>39E-16</td> <td>NA</td> <td>X</td> <td>Y.</td> <td>¥</td> <td>N.</td> <td>Z Z</td> <td>4.99E-1</td>		1,2-Dichloroethene	4.9	39E-16	NA	X	Y.	¥	N.	Z Z	4.99E-1
thyldisulfide 3.34E-18 0.00E+00 0.00E+00 1.79E-20 0.00E+00 3.73E-20		1,2-Dichloropropane	2	14E-16	NA	NA	NA	N	NA	NA.	2.14E-1
Chlorobenzene 8.83E-15 0.00E+00 0.00E+0		Dimethyldisulfide	M C	54E-18	0.00E+00	0.00E+00	0.00E+00	1.79E-20	0.00E+00	3.73E-20	3.39E-1
azine		Hexachlorobenzene	, a	725-15	NA O OCETOD	NA COLLOG	AN O	NA / 7/7 / 17	AN O	NA C	9.1/E-1
ane thion thion 4.58E-18 0.00E+00 0.00E		Hydrazine	-	14E-11	0.005400	0.005+00	0.005+00	4-74E-16	0.005+00	1 275-12	4.9/E-1
thion thin 4.58E-18 0.00E+00 0.00E+00 0.00E+00 2.46E-20 0.00E+00 5.11E-20 0.00E+00 5.11E-20 0.00E+00 5.11E-20 0.00E+00 5.11E-20 0.00E+00 5.11E-20 0.00E+00 5.11E-20 0.00E+00 5.10E-10 0.00E+00 0.00E+00 5.00E+00 5.10E-10 0.00E+00 0		Lindane	-		0.00E+00	0.00E+00	0.00E+00	8.32F-21	0-00E+00	1.736-20	1 58F-1
y! chloride 4.48E-16 NA		Malathion	4.4	~	0.00E+00	0.00E+00	0.00E+00	2.46E-20	0.00E+00	5.11E-20	4-66E-1
Yeing choringe 2.70E-14 NA		Methyl chloride	7-7	Ξ,	NA	NA.	AN	NA	NA	NA	4.48E-1
thylphenol 3.04E-16 0.00E+00 0.00E+00 3.04E-18 0.00E+00 6.32E-18 14 0.00E+00 5.34E-18 0.00E+00 6.32E-18 0.00E+00 5.74E-16 0.00E+00 0.00E+00 0.00E+00 2.74E-18 0.00E+00 5.73E-18 0.00E+00 5.73E-19 0.00E+00 6.76E-19 0.00E+00 0.00E+0		Methylene chloride	2				NA	AN	NA	ž	2.70E-1
inchyl hydrazine 3.60E-12 0.00E+00 0.00		Metnyl ethyl Ketone 4-Methylphenol	5. K			0.00E+00	0.00E+00	3.04E-18	0.00E+00	32E-	5.75E-1
thalene carbonitrile 3.21E-17 0.00E+00 0.00E+00 0.00E+00 1.72E-19 0.00E+00 6.76E-19 1.72E-15 0.00E+00 1.72E-19 0.00E+00		Monomethyl hydrazine			0.005+00	0.005+00	0.005+00	1 025-16	0.005+00	יייייייייייייייייייייייייייייייייייייי	2 44E-10
thalene carbonitrile 3.21E-13 0.00E+00 0.00E+00 0.00E+00 1.72E-15 0.00E+00 3.58E-15 trosodimethylamine 3.66E-15 0.00E+00 0.00E+00 0.00E+00 1.96E-17 0.00E+00 4.08E-17 0.00E+00 1.63E-17 0.00E+00 1.63E-16 0.00E+00 0.00E+00 0.00E+00 7.83E-17 0.00E+00 1.63E-16 0.00E+00 0.00E+00 7.83E-17 0.00E+00 1.63E-16		Naphthalene	.9	~~	0.00E+00	0.00E+00	0.00F+00	3.25F-19	0.00E+00	765-	4 16F-17
trosodimethylamine 3.66E-15 0.00E+00 0.00E+00 0.00E+00 1.96E-17 0.00E+00 4.08E-17 0.00E+00 4.08E-17 0.00E+00 4.08E-17 0.00E+00 1.63E-17 0.00E+00 1.63E-16 0.00E+00 0.00E+00 0.00E+00 7.83E-17 0.00E+00 1.63E-16 0.00E+00 0.00E+00 7.83E-17 0.00E+00 1.63E-16		Naphthalene carbonitrile	33	-	0.00E+00	0.00E+00	0.00E+00	1.72E-15	0.00E+00	28E-	3 26F-1
cenaphthalene 1.46E-14 0.00E+00 0.00E+00 0.00E+00 7.83E-17 0.00E+00 1.63E-16 0.00E+00 0.00E+00 7.83E-17 0.00E+00 1.63E-16		n-Nitrosodimethylamine PAHs	,	-	0,00E+00	0.00E+00	0.00E+00	1.96E-17	0.00E+00	- 38E	3.72E-15
1,46E-14 0.00E+00 0.00E+00 0.00E+00 7.83E-17 0.00E+00 1.63E-16		Acenaphthalene	1.4	6E-14	0.00E+00	0.00E+00	0.00E+00	7.83E-17	0.00E+00	1.63E-16	1-48F-1
C CAMP A C C C C C C C C C C C C C C C C C C		Acenaphthene	1.4	6E-14	0.00E+00	0.005+00	0 005+00	7 825.17	001100	1 425-14	7.007

Chrysene Chr	Chrysene C		1	:		:						
yearch and the control of the contr	The contraction of the contract of the contrac	20	ن		AE	AF	AG	Н	AI	AJ	AK	
### continue	The contraction of the contract of the contrac		Chrysene		0.00E+00	0.00E+00	0.00E+00	1.57E-17	0.00E+00	3.27E-17	2.98E-15	
The contribute of the control of the	The contribute control of the contro		Dibenzo(a,h)anthracene	2.93E-14	0.00E+00	0.00E+00	0.00E+00	1.57E-16	0.00E+00	3.27E-16	2.98F-14	
The continue	anothrene 2,931-15 0,00000-00 0,00000-00 0,000		Fluoranthene	2.93E-14	0.00E+00	0.00E+00	0.00E+00	1.57E-16	NA	3.27E-16	2.98F-14	
Titie 17 0.00E+00 0.0	The continue of the continue o		Fluorene	2 035-15	0 00E+00	0 005+00	0 005+00	1 57E-17	O OPE+OR	7 27E-17	2 ORE- 15	
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ion 17.25E-18 0.00E+00 0.00E+0	ion 7.25E-18 0.00E+00 0.00E+00 0.00E+00 1.98E-20 0.00E+00 8.09E-20 1.00E+17 NA 4.0E-17 NA		Pyrene	5 86F-14	0 00E+00	0 005+00	0.00E+00	3.145-16	0.00=+00	4 54F-16	5 05E-1/	
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Fig. 1. Since the control of the con	10		Pentach orchenzene	2 40E-15	00000	001100	001100	1 035-17	NA.	7 01E-17	7 46E-15	
ne 3.2E-15 0.00E+00 0	ne 3.21E-15 0.00E-00 0.00E-00 0.00E-00 1.77E-17 0.00E-00 3.68E-17 0.00E-00 1.00E-00 1.77E-17 0.00E-00 3.68E-17 0.00E-00 0.00E-00 0.00E-00 1.77E-17 0.00E-00 3.68E-17 0.00E-00 0.00E-00 0.00E-00 1.77E-17 0.00E-00 3.68E-17 0.00E-00 0.00E-00 0.00E-00 0.00E-00 0.00E-00 0.00E-00 1.54E-18 0.00E-00 0.00E-00 0.00E-00 1.54E-18 0.00E-00 0.00E-00 0.00E-00 1.54E-19 0.00E-00 0.00E-00 1.54E-19 0.00E-00 1.58E-13 0.00E-00 0.00E-00 0.00E-00 1.54E-19 0.00E-00 1.58E-19 0.00E-19 0.00E-00 1.58E-19 0.00E-19		Phonol	ZEE.	00.100	000000	00-100	Z 00E-10		4 7 2E 40	2000	
The state of the s	The state of the s			7.736-17	0.005+00	0.005400	0.005400	3.0%E-19	Y.	0-456-19	2.00E-1/	
1.77E-15 0.00E-00 0.00E-00 1.77E-17 0.00E-00 1.77E-17 1.00E-00 1.00E-00 1.77E-17 0.00E-00 1.00E-00 1.77E-17 0.00E-00 0.00E-00 0.00E-00 1.77E-17 0.00E-00 0.00E-00 0.00E-00 1.77E-17 0.00E-00 0.00E-00 0.00E-00 1.77E-17 0.00E-00 0.00E-00 0.00E-00 1.54E-18 0.00E-00 0.00E-00 0.00E-00 1.54E-18 0.00E-00 0.00E-00 1.54E-19 0.00E-19 0.00E-19 0.00E-19 0.00E-19 0.0	1.77E-15 0.00E+00 0.00E+00 0.00E+00 1.77E-17 0.00E+00 3.68E-17 0.00E+00 0.00E+00 0.00E+00 1.77E-17 0.00E+00 3.68E-17 0.00E+00 0.0		Fyriaine	3.21E-13	NA	NA	NA.	WA	NA	AN	5.21E-13	
Interocherate 1.77E-15 0.00E+00 0.00E+00 0.00E+00 9.48E-18 NA 1.97E-17 NA	Inherence 1.77=-15 0.00E+00 0.00E+00 0.00E+00 9.48E-18 NA 1-97E-17 No Na		Quinoline	3.30E-15	0.00E+00	0.00E+00	0.00E+00	1.77E-17	0.00E+00	3.68E-17	3.35E-15	
1.29E-16 NA	Librorethene 6.17E-17 NA		Tetrachlorobenzene	1.77E-15	0.00E+00	0.00E+00	0.00E+00	9.48E-18	NA	1.97E-17	1.80E-15	
evertate 6.52E-16 NA	9.84E-16 NA		Tetrachloroethene	6-17E-17	NA.	NA NA	NA	NA	N	AN	6.17E-17	
## Size	orobenzene 6.59E-16 0.00E+00 0.00E+00 0.00E+00 4.80E-18 0.00E+00 9.99E-18 dimethyl hydrazine 6.59E-16 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.54E-19 2.87E-17 0.00E+00 0.00E+00 0.00E+00 1.54E-19 0.00E+00 1.50E-19 ascetate 4.07E-16 0.00E+00 0.00E+00 0.00E+00 1.54E-19 0.00E+00 1.50E-19 ascetate 4.07E-16 0.00E+00 0.00E+00 1.54E-19 0.00E+00 1.50E-19 3.76E-17 0.00E+00 0.00E+00 0.00E+00 1.54E-19 0.00E+00 1.50E-19 b. 3.76E-17 0.00E+00 0.00E+00 0.00E+00 1.54E-19 0.00E+00 1.50E-19 a. 3.76E-17 0.00E+00 0.00E+00 0.00E+00 1.54E-19 0.00E+00 1.55E-18 mm (III) 1.29E-14 0.00E+00 0.00E+00 1.77E-17 0.00E+00 1.75E-17 mm (III) 1.29E-14 0.00E+00 0.00E+00 0.00E+00 1.77E-17 0.00E+00 0.0		Toluene	9.84E-16	AN	NA	AN	AN	AN	AN	0 84F-16	
oroethene 6.59E-16 NA	oroethene 6.59E-16 NA		Trichlorobenzene	8.95E-16	0.00F+00	0-00E+00	0-00E+00	4.80E-18	0-00E+00	- HOC	9.10F-16	
dimethyl hydrazine 1.42E-11 0.00E+00 0.00E+00 0.00E+00 7.61E-14 0.00E+00 1.58E-13 20E-19 2.87E-17 0.00E+00 0.00E+00 0.00E+00 1.54E-19 0.00E+00 3.20E-19 2.87E-17 0.00E+00 0.00E+00 0.00E+00 1.54E-19 0.00E+00 3.20E-19 0.00E+01 1.54E-19 0.00E+00 0.00E+00 1.54E-19 0.00E+00 3.20E-19 0.00E+01 1.54E-15 0.00E+00 0.00E+00 0.00E+00 1.71E-17 0.00E+01 1.29E-14 0.00E+00 0.00E+00 0.00E+00 1.71E-17 0.00E+01 1.29E-14 0.00E+00 0.00E+00 0.00E+00 1.71E-17 0.00E+01 0.00E+00 0.00E+00 1.71E-17 0.00E+00 0.00E+00 0.00E+00 1.71E-17 0.00E+00 0.00E+00 0.00E+00 1.71E-16 0.00E+00 0.00E+00 1.71E-16 0.00E+00 0.00E+00 1.71E-16 0.00E+00 0.00E+00 0.00E+00 1.71E-16 0.00E+00 0.00E+00 0.00E+00 1.71E-16 0.00E+00 0.00E+00 0.00E+00 1.71E-16 0.00E+00 0.00	dimethyl hydrazine 1.42E-11 0.00E+00 0.00E+00 0.00E+00 7.61E-14 0.00E+00 1.58E-13		Trichloroethene	6 50F-16	NA	NA	MM	MA	NA	4	6 FOE-16	
## Control of the con	## Control of the con		flooren dimothyd hydronian	4 / 25 44	00.100	00000	00.100	7 445-47	00.200	4 EOF 47	0.07E	
sectate 4.07E-17 0.00E-00 0.00E-00 0.00E-00 0.00E-10 0.00	sectate 4.07E-16 NN NA		Verses	7 925 17	0.001.00	00.000	00-100	40.77	0.001	7 20E-15	1.446-11	
s (total) 1.03E-17 1.03E	s (total) 2.77E-16 3.77E-16 3.78E-17 4.36E-13 0.00E+00 0.00E+00 0.00E+00 0.00E+00 1.77E-17 1.29E-14 1.29E-15 1.29E-15 1.29E-16 1.29E-15 1.29E-15 1.29E-16 1.29E		Vaporia	71-3/6-7		0.00=+00	001300	41.34C-1		3.CUE- 19	2.yle-1/	
S (total)	S (total)		Vinyl acetate	4.0/E-16	AN.	Y.	NA:	NA:	NA:	Y.	4.07E-16	
s (total) 7.03E-17 NA	\$ (total) 7.03E-17 NA		Vinyl chloride	3.77E-16	É	NA	NA.	NA NA	N.	A	3.77E-16	
4.36E-13 0.00E+00 0.00E+00 0.00E+00 4.86E-16 3.18E-15 0.00E+00 0.00E+00 0.00E+00 1.71E-17 NA 3.55E-18 3.18E-15 0.00E+00 0.00E+00 1.71E-17 NA 3.55E-18 4.54E-16 NA	4.36E-13 0.00E+00 0.00E+00 0.00E+00 2.34E-15 0.00E+00 4.86E-16 3.18E-15 0.00E+00 0.00E+00 0.00E+00 1.71E-17 NA 3.55E-18 1.25E-16 NA		Xylenes (total)	7.03E-17	NA	NA	Y.	NA	A.	NA	7.03E-17	
11. 1.29E-13 0.00E+00 0.00E+00 2.34E-15 0.00E+00 4.86E-16 3.18E-15 0.00E+00 0.00E+00 1.71E-17 NA 3.55E-18 3.18E-15 0.00E+00 0.00E+00 1.71E-17 NA 3.55E-18 4.54E-16 NA	10	\simeq	IRGANICS									
ium (VI) 3.18E-15 0.00E+00 0.00E+00 0.00E+00 1.71E-17 NA 3.55E-18 NA	itim (11) 3.18E-15 0.00E+00 0.00E+00 1.71E-17 NA 3.55E-18 NA		Arsenic	4.36F-13	O_OF+OR	O_OF+OO	0.00F+00	2.34F-15	0.00F+00	4. RAF-16	78F-13	
nium (VI)	idum (III) 1.29E-14 NA		Cachium	¥ 18F-15	O OPETON	0.005+00	0 00E+00	1 715-17	NA	3 55E-18	7 21E-15	
ifium (VI)	idum (VI)			1 20F-14	NA	NA	NA	NA	AN	AN	1 20F-14	
3.26E-14 NA	3.26E-14 NA			7 275 7	MA	NA	AN	AN	MM	AN	4 5/E-16	
J. Specification of the control of t	J. 2556-14 NA			2 345-17	44	Y W		V.1	OUTTOO	4	27 170 1	
1.77 - 10 NA	Total 10 m		1000	2.202.14	¥ ×	Y S	2 2		0.005400	¥ =	41 - HOZ - C	
Light Street of the control of the c	Inhalation dose = Cair*br*ef/bh/cf		10.1	7.73E-10	42	42	Y.	¥ :	¥ :	ž	7.YDE-10	
1.1F-16 NA 2.3ZE-17 NA	Inhalation dose = Cair** Intervision		Lead	1.6/E-14		NA.	A		NA.	NA.	1.6/E-14	
5.35E-14 NA	1.47E-14 NA		Mercury	2.08E-14		0.00E+00	0.00E+00	_	X.	2.32E-17	2.09E-14	
3.33E-16 NA	3.33E-16 NA		Selenium	5.35E-14	¥	NA	NA	NA	NA	AN	5.35E-14	
1.47E-13 NA NA NA 0.00E+00 NA br 1.47E-13 NA NA 0.00E+00 NA 1.47E-13 NA NA 0.00E+00 NA 0.0	1.47E-13 NA NA NA 0.00E+00 NA br 1.47E-13 NA NA 0.00E+00 NA 1.47E-13		Silver	3.33E-16	AN	NA.	NA.	AN	AN	AN	3.33F-16	
10 M3/day 70 Kg 250 day/yr 365000 (1000 ug/mg)*(365 day/yr)	br 10 M3/day bw 70 Kg ef 250 day/yr cf 365000 (1000 ug/mg)*(365 day/yr)		Zinc	1.47E-13	NA	NA	NA	NA	0.00E+00	NA	1.47E-13	
10 70 250 365000	br 70 bw 70 ef 250 cf 365000 ation dose = Cair*br*											**
10 70 250 365000	br 10 bw 70 ef 250 cf 365000 ation dose = Cair*br*											
70 250 365000	bw 70 ef 250 cf 365000 ation dose = Cair*br*			br		5/day						
365000	ef 250 cf 365000 ation dose = Cair*br*			MQ		~						
	Inhalation dose = Cair*br*ef/bw/cf			of of		3y/yr 1000 ug/mg)*(3	365 day/yr)					
	Inhalation dose = Cair*br*ef/bw/cf											

HOAC SHINIFICANDO	CHILD TOTAL							
SENSITIVITI CASE	1	EXPOSURE - AVE	AVERAGE					
18-Jun-91	INHALATION	VEGETABLE EXPOSURE	MILK EXPOSURE	BEEF EXPOSURE	SOIL/DUST EXPOSURE	FISH	DERMAL	TOTAL
16:55:55 Worker	(mg/Kg/day)	(mg/Kg/day)	(mg/Kg/day)	(mg/Kg/day)	(mg/Kg/day)	(mg/Kg/day)	(mg/Kg/day)	(mg/Kg/day)
ORGANICS	, , , , , , , , , , , , , , , , , , ,		:					
Acetonitrile	7 725-12	O ODETO	NA O	NA OCTOO	AN	AN .	NA	8.54E-1
Acrylonitrile	3.20F-12	NA NA	NA NA	0.00E+00	9.08E-14	1.75E-20	3.09E-14	7.84E-1
Aldrin	1.20E-17	0.00E+00	0.00E+00	0.00E+00		44. 34F-27	A ROF-20	3.29E-12
Aniline	4.34E-13	0.00E+00	0.00E+00	0.00E+00	5.10E-15	5.27E-19	1.74E-15	4-41E-1
Atrazine	2.68E-15	0.00E+00	0.00E+00	0.00E+00	3.15E-17	0.00E+00	1.07E-17	2.72E-1
Benzana	7.98E-13	0.00E+00	0.00E+00	0.005+00		5.67E-20	7.92E-16	2.01E-1
Benzofuran	0 475-12	O OCETOO	O ODETOO	NA O OGE	AN .	AN	AN C	2.49E-1
Benzoic Acid	0 40F-14	0 005-00	0.005+00	00-100-0	1.135-14	7.25-18	3.85E-15	9.77E-1
Benzonitrile	2,11E-12	0.00E+00	0.005.00	0 005+00	2 7.85-17	4.YOE . 20	3,88E-10	9.84E-1
Benzothiazole	9.01E-16	0.00E+00	0.00E+00	0.00E+00	1.06E-17	5-67E-24	3.615-18	0 155-1
Biphenyl	9.69E-13	NA	NA	NA	AN	NA	NA	9.69E-1
Bis(2-ethylhexyl)phthalate	5.32E-16	0.00E+00	0.00E+00	0.00E+00	6.25E-18	34E-	2.13E-18	5.40E-1
Carbon Tetrachiorida	4.345-15	0.00E+00	0.00E+00	0.005+00	5.10E-17	7.46E-21	1.74E-17	4-41E-1
4-Chloroaniline	2.49E-16	0.00E+00	0-005+00	0.005+00	2 02E-18	NA 2 12E-21	NA OFF 10	1.26E-14
Chlorobenzene	5.97E-16	NA	NA	NA	NA IO	X X	NA NA	5 07F-1
4-Chlorobiphenyl	6.12E-16	0.00E+00	0.00E+00	0.00E+00	7.20E-18	7.66E-22	2.45E-18	6.22E-1
Chloroethans	3.08E-17	0.005+00	0.005+00	0.00E+00	3.62E-19	1.29E-23	1.23E-19	3.13E-1
Chloroform	1.07F-13	O.OCE+UU	U. UUE+UU	U.UUE+UU	2.58E-16	4.32E-23	8.79E-17	2.23E-1
Dibenzofuran	1.93E-14	0.00E+00	0.00E+00	0.00E+00	2.27E-16	02-376.7	7 77E-17	1 OKE-1/
Dichlorobenzenes (total)	2.49E-15	AN	NA	NA		NA NA	i X	2.49E-1
1,4-Dichlorobenzene	1.57E-16	NA	NA:	NA	AN	AN	N	1.57E-1
1, I-Dichloroothane	7.11E-15	NA O		NA CO	NA	NA	NA	7.116-15
1.1-Dichloroethene	3.81E-15	U. CUE+UU	U.UUE+UU	0.00E+UU	Z.61E-1/	1.29E-22	8.89E-18	2.26E-15
1,2-Dichloroethene	3.295-15	Z 2	Y A	V V	Y X	Z Z	¥ :	5.81E-1
1,2-Dichloropropane	1.41E-15	N	×	NA	AN	V V	¥ 2	1 /15-15
Dieldrin	2.20E-17	0.00E+00	0.00E+00	0.00E+00	2.59E-19	2.44E-24	8.81E-20	2.24F-17
Dimethyldisulfide	6.05E-15	NA	AN	NA	NA	NA	NA.	6.05E-15
Hexachlorobenzene	5.82E-14	0.00E+00	0.00E+00	0.00E+00	6.84E-16	9.71E-19	2.33E-16	5.91E-14
Hydrazine	7.52E-11	0.00E+00	0.00E+00	0.00E+00	8.84E-13	7.96E-20	3.01E-13	7.64E-11
Malathion	1.02E-17	0.00=+00	0.00E+00	0.005+00	1.20E-19	1.07E-25	4.09E-20	1.04E-17
Methyl chloride	2 05E-15	U. OUETOO	0.00=00	0.00E+00	3.33E-19	U. UUE+UU	1.21E-19	3.07E-17
Methylene chloride	1.78F-13	Z Z	Z Z	Z Z	¥ 2	Y Y	Y S	2.95E-15
Methyl ethyl ketone	3.73E-15	0.00E+00	0.00E+00	0-00F+00	5 0 F	0 005+00	1 20E-17	7 705 15
4-Methylphenol	3.39E-15	0.00E+00	0.00E+00	0.00E+00	3.98E-17	6.13E-23	1.36E-17	3.44F-15
Monomethyl hydrazine	2.37E-11	0.00E+00	0.00E+00	0.00E+00	36 2	2.52E-20	9.49E-14	2.41E-11
Naphthalene	4.00E-16	0.00E+00	0.00E+00	0.00E+00	3GE	3.35E-19	1.60E-18	4.06E-16
Naphthatene carbonitrile n-Nitrosodimethylamine	2.11E-12 2.41F-14	0.005+00	0.005+00	0.005+00	2.48E-14	7.72E-18	8.46E-15	2.15E-12
PAHS	1	20.70010	2001	100.00	- 370	0.002+00	7.03E-1/	-45F-
Acenaphthalene	9.62E-14	0.00E+00	0.00E+00	0.00E+00	1.13E-15	2.37E-19	3.85E-16	O 77F-14
000000000000000000000000000000000000000		00.100	00000	00.100	11.0		1. 1.	

Chrysene Dibenzo(a,h)ant Fluoranthene Fluorene Phenanthrene Pyrene Parathion Pentachlorobenzene Phenol Pyridine Quinoline Tetrachlorobenzene Tetrachloroethene Toluene Trichlorobenzene Trichloroethene Trichloroethene Vapona Vinyl acetate Vinyl acetate Vinyl chioride Xylenes (total)	Chrysene Dibenzo(a,h)anthracene Fluoranthene Fluorene Phenanthrene Pyrene Pyrene Parathion Pentachlorobenzene Phenol Pyridine Quinoline Tetrachlorobenzene Trichlorobenzene Trichlorobenzene Trichlorobenzene Trichlorobenzene Wapona Vinyl acetate Vinyl acetate Vinyl chioride Xylenes (total)	1.93E-14 1.93E-14 1.93E-13 1.93E-14 7.52E-17 7.52E-17 7.52E-17 7.52E-17 7.52E-17 7.72E-16	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 NA NA 0.00E+00 0.00E+00 NA NA NA NA NA NA NA NA NA NA NA NA NA	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 NA NA NA NA NA NA NA NA NA NA NA NA NA	2.27E-16 2.27E-15 2.27E-15 3.84E-19 4.54E-15 5.62E-19 7.79E-16 1.37E-16 1.10E-12 NA NA NA NA NA NA NA NA NA NA NA NA NA	8.01E-19 1.79E-16 6.60E-20 2.27E-19 3.62E-18 7.17E-25 NA NA NA NA 2.17E-20 NA NA O.78E-20 4.78E-25 A.78E-25	7.73E-16 7.73E-16 7.73E-16 7.73E-16 7.73E-17 1.55E-19 9.49E-19 9.49E-17 1.52E-18 8.70E-17 8.70E-17 8.70E-17 8.70E-17 8.70E-17 8.70E-17 8.70E-17	1.96E-14 1.96E-13 1.96E-14 3.96E-14 2.96E-17 2.41E-14 4.07E-16 6.49E-15 5.99E-15 5.99E-15 6.49E-15 6.49E-15 6.49E-15 6.49E-15 6.49E-15 6.49E-15 6.49E-15 7.36E-15 7.36E-15 7.36E-15 7.36E-15 7.36E-15 7.36E-15 7.36E-15 7.36E-15 7.36E-15
Unrysene Dibenzo(Fluorent Fluorent Phenanth Pyrene Parathion Pentachloro Phenol Pyridine Quinoline Tetrachloro Tetrachloro Toluene Trichlorobe Trichl	e (a,h)anthracene thene hrene obenzene oethene enzene enzene ethyl hydrazine ate ride otal)	1.93E 14 1.93E 14 7.52E 17 7.52E 17 7.52E 17 7.52E 17 7.52E 17 7.52E 17 7.76E 16 6.49E 15 7.68E 15 7.68E 15 7.68E 15 7.68E 15	0.006+00 0.006+00 0.006+00 0.006+00 0.006+00 0.006+00 0.006+00 0.006+00 0.006+00 0.006+00 0.006+00 0.006+00 NA NA NA NA NA NA NA NA NA NA NA NA NA	0.006+00 0.006+00 0.006+00 0.006+00 0.006+00 0.006+00 0.006+00 0.006+00 0.006+00 0.006+00 0.006+00 0.006+00 0.006+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 NA NA NA NA NA NA NA NA NA NA NA NA NA	2.27E-15 2.27E-15 2.27E-15 8.84E-19 8.84E-19 5.56E-16 4.46E-15 1.37E-16 8.93E-17 1.10E-12 NA NA NA	8.01E-19 1.79E-16 6.60E-20 3.62E-18 7.17E-25 NA NA 2.17E-20 NA 8.92E-20 4.78E-25 NA NA NA NA NA NA NA NA NA NA NA NA NA	7.73E-17 7.73E-16 7.73E-16 7.73E-16 7.73E-15 1.55E-15 1.55E-15 1.55E-17 8.70E-17 NA NA NA NA NA NA NA NA NA NA NA NA NA	1.96E-14 1.96E-13 1.96E-13 3.92E-13 3.92E-14 2.41E-14 4.07E-16 6.98E-15 2.49E-15 6.58E-15
Dibenzo(Fluorent Fluorent Fluorent Phenanth Pyrene Parathion Pentachloro Pyridine Quinoline Tetrachloro Tetrachloro Toluene Trichloroet Unsym. dime Vapona Vinyl aceta Vinyl aceta	(a,h)anthracene thene e hrene obenzene oethene enzene thene ethyl hydrazine ride otal)	1.93E-13 1.93E-14 7.52E-14 7.52E-14 7.52E-14 7.78E-14 7.78E-14 7.78E-17 7.78E-16 6.49E-16 6.49E-15 7.68E-15 7.68E-15 7.68E-15 7.68E-15	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 NA NA NA NA NA NA NA NA NA NA NA NA NA	2.27E-15 2.27E-15 2.27E-16 8.84E-19 4.56E-19 2.56E-16 1.37E-16 1.10E-17 NA NA NA NA NA NA NA NA NA NA NA NA NA	1.79E-16 NA 0.60E-20 2.27E-19 3.62E-18 7.17E-25 NA NA 0.17E-20 NA 0.17E-20 NA 0.17E-20 NA 0.17E-20 NA 0.17E-20 NA 0.17E-20 NA 0.17E-20 NA 0.17E-20 NA 0.17E-20	7.73E-16 7.73E-16 7.73E-17 3.01E-19 1.55E-15 1.55E-17 4.66E-17 A. NA 2.36E-17 3.74E-13 7.57E-19	1.96E - 13 1.96E
Fluorant Fluorene Phenanth Pyrene Parathion Pentachloro Phenol Pyridine Quinoline Tetrachloro Tetrachloro Toluene Trichlorobe Trichlorobe Trichloroet Unsym. dime Vapona Vinyl aceta Vinyl aceta	thene a hrene obenzene oethene enzene thene ethyl hydrazine ate ride otal)	1.93E-13 7.82E-14 7.82E-17 7.82E-17 7.38E-13 7.78E-14 7.77E-14 7.77E-14 7.77E-14 7.78E-15 7.90E-15 7.88E-15 7.68E-15 7.68E-15 7.68E-15	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 NA NA NA NA NA NA NA NA NA NA NA NA NA	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 NA NA NA NA NA NA NA NA NA NA NA NA NA	2.27E-15 8.84E-19 8.84E-19 5.62E-16 7.62E-19 1.37E-16 1.37E-16 1.10E-12 NA NA N	6.60E-20 2.27E-19 3.62E-18 7.17E-25 NA NA NA NA 2.17E-20 NA 0.92E-20 4.78E-25 NA NA	2.36E-17 3.73E-16 1.55E-17 1.55E-17 1.55E-17 1.55E-17 1.55E-17 1.55E-17 1.55E-17 1.55E-17 1.55E-17 1.55E-17 1.55E-13 1.55E-13 1.55E-13 1.55E-13	7.96E-17 7.96E-17 7.96E-17 7.96E-17 7.96E-17 7.96E-17 6.59E-15 7.99E-15 7.99E-15 7.99E-15 7.99E-15 7.99E-15 7.99E-15 7.99E-15 7.99E-15
Fluorene Phenanth Pyrene Parathion Pentachloro Phenol Pyridine Quinoline Tetrachloro Tetrachloro Toluene Trichlorobe Trichloroet Unsym. dime Vapona Vinyl aceta Vinyl chior Xylenes (tc.	hrene obenzene oethene enzene thene thene ethyl hydrazine ate	7.526-17 7.526-17 7.526-17 7.526-17 2.786-13 7.786-13 7.786-14 7.786-14 7.786-15 7.786-15 7.786-15 7.786-15 7.786-15 7.786-15 7.786-15 7.786-15 7.786-15 7.786-15 7.786-15	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 NA NA NA NA NA NA NA NA NA NA NA NA NA	8.846-19 8.846-19 5.526-15 5.526-16 7.766-18 8.846-19 7.766-16 8.84-17	6.665.20 2.276-19 3.626-18 7.176-25 NA NA 2.176-20 NA 2.176-20 4.786-25 NA NA	3.01E-19 3.01E-19 1.55E-15 1.55E-15 1.55E-15 1.55E-17 8.70E-17 NA NA NA NA NA NA NA NA NA NA NA NA NA	2.96E-17-2-19-2-19-2-19-2-19-2-19-2-19-2-19-2
Phenarth Pyrene Parathion Phenol Phenol Phenol Pyridine Quinoline Ietrachloro Tetrachloro Trichloroet Irichloroet Unsym. dime Vapona Vinyl aceta Vinyl aceta	obenzene obenzene oethene enzene thene ethyl hydrazine ate ride otal)	7.52E-17 3.86E-13 3.78E-17 2.17E-14 4.07E-16 6.407E-16 6.407E-16 6.407E-15 7.36E-15 7.68E-15 7.68E-15 7.68E-15	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	2.56E-19 6.93E-19 7.62E-19 7.62E-19 7.72E-16 7.37E-16 7.37E-16 7.37E-16 7.10E-12 8.88 8.88 8.88 8.88 8.88 8.88 8.88 8.	2.276-19 3.626-18 7.176-25 NA NA NA NA NA 0.926-20 4.786-25 MA	2.36E-17 3.71E-19 1.91E-19 1.52E-18 8.70E-17 4.66E-17 NA 2.36E-17 7.57E-19 NA	2.41E-14 2.42E-17 2.41E-14 2.41E-14 2.41E-14 4.07E-16 6.49E-15 6.59E-15 1.92E-16 2.49E-15
Prenament Parathion Pentachloro Phenol Pyridine Quinoline Tetrachloro Tetrachloro Toluene Trichlorobe Trichlorobe Trichlorobe Trichlorobe Trichloroet Unsym. dime Vapona Vinyl aceta Vinyl chior	obenzene obenzene oethene enzene thene ethyl hydrazine ethyl hydrazine	3.326-17 4.786-13 3.786-14 2.176-14 4.076-16 5.906-15 5.906-15 6.486-15 4.686-15 4.636-15	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 NA NA NA	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 NA NA NA NA NA NA NA NA NA NA NA	6.93E-17 7.55E-19 7.56E-19 7.56E-16 7.56E-	2.2/E-19 3.62E-18 7.17E-25 NA NA NA 2.17E-20 4.78E-25 NA NA	2.36E-17 1.55E-15 1.55E-15 1.52E-16 2.66E-17 2.36E-17 NA NA NA NA NA NA NA NA NA NA	2.92E-13 2.92E-13 2.92E-13 2.92E-14 2.92E-15 6.49E-15 6.49E-15 7.99E-15 7.99E-15 7.99E-15 7.99E-15 7.99E-15 7.99E-15 7.99E-15
Pyrene Parathion Pentachloro Phenol Pyridine Quinoline Tetrachloro Tetrachloro Toluene Trichlorobe Tri	obenzene obenzene oethene enzene thene ethyl hydrazine ate ride otal)	5.86E-13 2.78E-14 2.78E-14 2.17E-14 4.07E-16 6.49E-15 9.35E-11 1.88E-15 2.68E-15 4.63E-15	0.006+00 0.006+00 0.006+00 0.006+00 0.006+00 0.006+00 0.006+00 0.006+00 NA NA NA NA NA NA NA NA NA NA NA NA NA	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	6.54E-15 2.56E-19 2.56E-16 1.37E-16 8.93E-17 1.10E-12 NA NA NA NA	3.62E-18 7.17E-25 NA NA NA 2.17E-20 NA NA 2.76E-20 4.78E-25 NA NA	1.55E-15 9.49E-19 1.52E-18 8.70E-17 4.66E-17 NA 2.36E-17 NA 3.74E-13 7.57E-19	3.92E-13 2.86E-17 2.85E-16 2.11E-16 2.98E-17 6.07E-16 6.99E-15 9.50E-15 2.68E-15
Parathion Pentachloro Phenol Phridine Quinoline Tetrachloro Tetrachloro Trichlorobe Trichloroet Unsym. dime Vapona Vinyl aceta Vinyl aceta	obenzene obenzene oethene enzene thene ethyl hydrazine ate ride otal)	4.78E-17 3.77E-16 2.17E-16 4.07E-16 6.49E-15 5.90E-15 7.88E-15 7.68E-15 7.68E-15 7.68E-15 7.68E-15	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 NA NA N	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 NA NA NA	5.62E-19 2.79E-16 4.46E-18 1.37E-16 1.37E-16 NA 1.10E-12 2.22E-18 NA	7.17E-25 NA NA 1.43E-20 NA NA 2.17E-20 NA 9.92E-20 4.78E-25 NA NA	1.91E-19 9.49E-17 1.52E-18 8.70E-17 4.66E-17 NA 2.36E-17 7.57E-13 7.57E-19 NA	4.86E-14 2.41E-14 2.11E-14 2.11E-14 1.18E-14 4.34E-15 9.50E-15 1.92E-15 2.68E-15
Pentachloro Phenol Pyridine Auinoline Tetrachloro Tetrachloro Toluene Trichloroet Trichloroet Trichloroet Vinyl aceta Vinyl aceta Vinyl chior Xylenes (tc	obenzene obenzene oethene enzene thene ethyl hydrazine ate ride otal)	2.37E-14 3.79E-16 2.17E-14 1.17E-14 4.34E-15 5.90E-15 9.35E-11 1.88E-15 4.68E-15 4.63E-15	0.00E+00 0.00E+00 NA 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 NA NA NA NA	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 NA NA NA	2.79E-16 4.46E-18 1.37E-16 1.37E-16 1.37E-16 1.37E-16 1.37E-16 1.37E-16 NA 1.10E-12 NA NA NA NA NA NA NA NA NA NA NA NA NA	2.17e-20 NA NA NA NA P.92e-20 4.78e-25 NA NA	2.36E-17 1.52E-18 8.70E-17 4.66E-17 NA 2.36E-17 NA 3.74E-13 7.57E-19	2.85E-16 2.87E-16 2.87E-16 2.98E-15 2.98E-15 2.68E-15 6.58E-15
Phenol Pyridine Quinoline Tetrachloro Tetrachloro Toluene Trichlorobe Trichloroet Unsym. dime Vapona Vinyl aceta Vinyl chior Xylenes (to	obenzene oethene enzene thene ethyl hydrazine ate ride otal)	2.79E-16 2.11E-12 2.11E-12 6.49E-16 6.49E-15 1.89E-15 2.68E-15 6.53E-15	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 NA NA	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 NA NA NA NA	2.56E-16 1.37E-16 1.37E-16 1.10E-12 1.10E-12 NA NA NA	1.43E-20 NA NA NA 2.17E-20 NA NA 6.78E-25 WA NA	2.36E-17 NA 8.70E-17 NA NA 2.36E-17 NA 3.74E-13 7.57E-19	2.381E-16 2.21E-16 4.07E-16 5.99E-15 6.59E-15 7.92E-16 2.68E-15
Pyridine Quinoline Tetrachloro Tetrachloro Toluene Trichloroet Unsym. dime Vapona Vinyl aceta Vinyl chior Xylenes (to	obenzene oethene enzene thene ethyl hydrazine ate ride otal)	2.175-12 2.176-14 4.076-15 6.406-15 6.406-15 7.806-15 7.686-15 7.686-15 7.686-15 7.686-15	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	2.56E-16 1.37E-16 1.37E-16 0.93E-17 1.10E-12 2.22E-18 NA	NA NA 1.43E-20 NA NA 9.92E-20 4.78E-25 NA NA NA	2.36E-17 NA NA NA NA 7.57E-19 NA NA NA	2.82E 1.18E 1.18E 1.18E 1.07E 1.07E 1.09E 1.
Pyriaine Quinoline Tetrachloro Tetrachloro Toluene Trichloroet Trichloroet Trichloroet Vapona Vinyl aceta Vinyl chior Xylenes (to	obenzene oethene enzene thene ethyl hydrazine ate ride otal)	2.17E-12 1.17E-14 4.07E-14 6.49E-15 5.90E-15 9.35E-11 1.89E-16 2.68E-15 4.63E-15	0.00E+00 0.00E+00 0.00E+00 NA 0.00E+00 0.00E+00 NA NA	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 NA NA	2.56E-16 1.37E-16 NA 6.93E-17 1.10E-12 2.22E-18 NA	1.43E-20 1.43E-20 NA NA 2.17E-20 9.9E-20 4.78E-25 NA	8.70E-17 4.66E-17 NA 2.36E-17 NA 3.74E-13 7.57E-19 NA	2.11E-12 2.21E-14 4.07E-16 6.49E-15 5.99E-15 9.50E-16 1.92E-16 2.68E-15
Quinoline Tetrachloro Tetrachloro Toluene Trichlorobe Trichlorobe Trichlorobe Vapona Vapona Vinyl aceta Vinyl aceta	obenzene oethene enzene thene ethyl hydrazine ate ride otal)	2.17E-14 4.07E-16 6.49E-15 5.90E-15 1.89E-15 2.68E-15 2.68E-15 4.63E-15	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 NA	0.00E+00 0.00E+00 NA NA 0.00E+00 0.00E+00 0.00E+00 NA NA	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 NA NA	2.56E-16 1.37E-16 NA 6.93E-17 1.10E-12 2.22E-18 NA NA	1.43E-20 NA NA NA 2.17E-20 NA 9.92E-20 4.78E-25 NA	8.70E-17 4.66E-17 NA 2.36E-17 NA 3.74E-13 7.57E-19 NA	2.21E-14 4.07E-16 6.49E-15 6.49E-15 6.49E-17 9.50E-11 1.92E-16 2.68E-15
Tetrachloro Tetrachloro Toluene Trichloroet Trichloroet Unsym. dime Vapona Vinyl aceta Vinyl aceta Vinyl chior Xylenes (to	obenzene oethene enzene thene ethyl hydrazine ete ride otal)	1.17E-14 6.07E-16 6.49E-15 5.49E-15 4.34E-15 1.89E-16 2.49E-15 4.63E-16	0.00E+00 NA 0.00E+00 0.00E+00 0.00E+00 NA NA	0.00E+00 NA NA NA 0.00E+00 0.00E+00 0.00E+00 NA NA	0.00E+00 NA NA NA 0.00E+00 0.00E+00 NA NA	1.37E-16 NA NA NA 1.10E-12 2.22E-18 NA NA	2.17E-20 NA 2.17E-20 9.92E-20 4.78E-25 NA NA	2.36E-17 NA NA NA 3.74E-13 7.57E-19 NA	4.07E-16 6.49E-15 6.49E-15 6.49E-15 9.50E-16 1.92E-16 2.49E-15
Tetrachloro Toluene Trichloroet Trichloroet Unsym. dime Vapona Vinyl aceta Vinyl chior Xylenes (to	oethene enzene thene ethyl hydrazine ate ride otal)	4.07E-16 6.49E-15 5.90E-15 9.35E-11 1.89E-16 2.68E-15 4.63E-15	0.00E+00 0.00E+00 0.00E+00 0.00E+00 NA	0.00E+00 0.00E+00 0.00E+00 NA NA	0.00E+00 0.00E+00 0.00E+00 0.00E+00 NA NA	6.93E-17 6.93E-17 1.10E-12 2.22E-18 NA	2.17E-20 NA NA 9.92E-20 4.78E-25 NA	2.36E-17 2.36E-17 3.74E-13 7.57E-19	6.40E-15 6.40E-15 6.40E-15 6.34E-15 9.50E-11 1.92E-16 2.68E-15 6.3E-15
Toluene Trichlorobe Trichloroet Unsym. dime Vapona Vinyl aceta Vinyl chior Xylenes (to	enzene thene sthyl hydrazine ate ride otal)	6.49e-15 6.49e-15 6.34e-15 1.89e-16 2.69e-15 4.63e-15	0.00E+00 0.00E+00 0.00E+00 NA NA	0.00E+00 NA 0.00E+00 0.00E+00 NA NA	0.00E+00 0.00E+00 0.00E+00 0.00E+00 NA NA	6.93E-17 NA 1.10E-12 2.22E-18 NA NA	2.17E-20 1.02E-20 4.78E-25 NA	2.36E-17 2.76E-17 3.74E-13 7.57E-19	6.49E-15 6.49E-15 6.49E-15 7.99E-16 2.68E-15 6.5E-15
Inithorobe Trichlorobe Trichloroet Unsym. dime Vapona Vinyl aceta Vinyl aceta Vinyl chior	anzene thene athyl hydrazine ate ride otal)	5.90E-15 4.35E-15 9.35E-15 2.68E-15 4.63E-15	0.00E+00 NA 0.00E+00 0.00E+00 NA NA	0.006+00 NA 0.006+00 0.006+00 NA NA	NA 0.00E+00 0.00E+00 0.00E+00 NA NA	6.93E-17 NA 1.10E-12 2.22E-18 NA NA	2.17E-20 2.92E-20 4.78E-25 NA	2.36E-17 NA 3.74E-13 7.57E-19 NA	6.49E-15 5.99E-15 4.34E-15 1.92E-16 2.49E-15 4.63E-15
Trichlorobe Trichloroet Unsym. dime Vapona Vinyl aceta Vinyl chior Xylenes (to	enzene thene sthyl hydrazine ate ride otal)	5.90E-15 9.35E-11 1.89E-16 2.68E-15 4.63E-15	0.00E+00 NA 0.00E+00 0.00E+00 NA NA	0.00E+00 NA 0.00E+00 0.00E+00 NA NA	0.00E+00 NA 0.00E+00 0.00E+00 NA NA NA	6.93E-17 NA 1.10E-12 2.22E-18 NA NA	2.17E-20 NA 9.92E-20 4.78E-25 NA	2.36e-17 NA 3.74e-13 7.57e-19 NA	5.99E-15 4.34E-15 9.50E-11 1.92E-16 2.68E-15 2.49E-15
Trichloroet Unsym. dime Vapona Vinyl aceta Vinyl chior Xylenes (to	thene sthyl hydrazine ate ride otal)	4.34E-15 1.89E-16 2.68E-15 2.49E-15 4.63E-15	0.00E+00 0.00E+00 NA NA	0.00E+00 0.00E+00 NA NA	NA 0.00E+00 0.00E+00 NA NA	1.10E-12 2.22E-18 NA NA	9.92E-20 4.78E-25 NA	3.74E-13 7.57E-19 NA	4.34E-15 9.50E-11 1.92E-16 2.68E-15 2.49E-15 4.63E-16
Unsym. dime Vapona Vinyl aceta Vinyl chior Xylenes (to	sthyl hydrazine ate ride otal)	9.35E-11 1.89E-16 2.68E-15 4.63E-16	0.00E+00 0.00E+00 NA NA	0.00E+00 0.00E+00 NA NA	0.00E+00 0.00E+00 NA NA NA	1.10E-12 2.22E-18 NA NA	9.92E-20 4.78E-25 NA	3.74E-13 7.57E-19 NA	2.68E-15 2.49E-16 4.63E-16
Vapona Vinyl aceta Vinyl chior Xylenes (to	stilyt ilydiazine ate ride otal)	7.395-11 7.395-16 2.68E-15 2.49E-15 4.63E-16	0.00E+00 NA NA NA	0.00E+00 NA NA N	0.00E+00 NA NA NA	2.22E-12 NA NA NA	4.78E-25 NA	3.74E-13 7.57E-19 NA NA	2.68E-15 2.49E-15 2.49E-15 4.63E-16
Vapona Vinyl aceta Vinyl chior Xylenes (to	ate ride otal)	1.89E-16 2.68E-15 4.63E-16	O.OUE+00 NA NA NA		O.OCE+00 NA NA NA	2.22E-18 NA NA	4.78E-25 NA NA	7.57E-19 NA NA	1.92E-16 2.68E-15 2.49E-15 4.63E-16
Vinyl aceta Vinyl chior Xylenes (to	ate ride otal)	2.68E-15 2.49E-15 4.63E-16	N N N N N N	A A A	AN AN	A A A	NA	N A	2.68E-15 2.49E-15 4.63E-16
Vinyl chior Xylenes (to	ide otal)	2.49E-15 4.63E-16	N N	A A	AN AN	ÄÄ	AN	Z A	2.49E-15 4.63E-16
Xylenes (to	otal)	4.63E-16	A A	Z X	N N	X X	Z Z	2	4.63E-16
Aytenes (10	(19)	4,035-10	¥	Z.	¥.	4			4.65E-16
DEANIE							NA.	NA	
JACARI CO									
Arsenic		2.8/E-12	0.00E+00	0.00E+00	0.00E+00	3.38F-14	1 10F-14	1 155-15	2 02F-12
Cachrium		2-10E-14	0.00F+00	0.00F+00	O ODE+OO	2 47E-16	NA	8 /1E-18	2 125-1/
	VIII)	8 E1E-16	MA	NA NA	2000	2		0.415	7.17.1
	(111	41 - 11 C - 0	Y .:	YY.	A.	A	A	AA	8.51E-14
5		2.99E-15	NA.	NA NA	٨A	NA	NA	NA	2.99E-15
Copper		2.15E-13	Y.	Ϋ́	NA	AN	2.64F-15	A	2 17F-13
Tron		6.56F-09	42	AN	VV	MA	MA	Y	C 545.00
000		1 105-12	4	44					20000
רכמת		- 10E- 12	AN COLOR		NA.	AA	AZ	NA.	1. IUE - 13
Mercury		1.5/E-15	0.00E+00	U.00E+00	0.00E+00	1.61E-15	ΝA	5.48E-17	1.39E-13
Selenium		3.53E-13	NA A	NA	NA	AN	Ä	AN	3.53E-13
Silver		2.19E-15	¥2	A.	AN	NA	NA	NA	2 105-15
Zinc		9-60F-13	AN	AN	N	NA	5 8/E. 15	4	0 755-12
							1	7.	70101
		Ę		M3/day					
		2	7. 7. 7.	600					
		5		ng/mg					
		Inhalation dose	ation does = Cair *hr/bw/umm	Jummi,					

Inhalation dose = Cair *br/bw/ugmg

The control of the	INH 18-Jun-91 EX 16:55:55 (mg 16:55:55 (m	EXE	M1LK EXPOSURE (mg/Kg/day) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	BEEF EXPOSURE (mg/Kg/day) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	SOIL/DUST EXPOSURE (mg/Kg/day) NA 1.43E-14 1.43E-15 2.36E-15 3.20E-17 2.36E-15 1.15E-14 1.16E-15 1.16E-15 1.16E-15 1.16E-15 1.07E-17 NA 6.34E-18 5.18E-17	(O) (H) (H) (H) (H) (H) (H) (H) (H) (H) (H	_ <u>@ </u>	(mg/Kg/day) 8.54E-15 7.85E-12 7.85E-12 7.22E-17 4.41E-13 2.01E-15 2.01E-15 9.84E-14 9.46E-15
Hardware	IN 18-Jun-91 E 16:55:55 (m 40RKER 40nitrile in including the ene of the ene o	G G G G G G G G G G G G G G G G G G G	MA 0.00E+00	BEEF EXPOSURE (mg/Kg/day) 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	SOIL/DUST EXPOSURE (mg/Kg/day) 1,43E-19 5,18E-15 3,20E-17 2,36E-15 1,15E-14 1,15E-14 1,15E-14 1,07E-17 2,52E-14 1,07E-17 1,07E-17 1,07E-17 1,07E-18 5,18E-18			(mg/kg/c 8.546 7.856 7.856 7.856 7.756 2.016 2.496 9.776 9.156 9.656
Section Sect	one fonitrile fonitrile in ine zine aldehyde ene ofuran oic Acid onitrile othiazole azole on Tetrachloride loroaniline lorobiphenyl	0 0000 0000 00 0	NA 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00	NA NA NA 1,43E-19 5,18E-15 3,20E-17 2,36E-15 1,15E-14 1,16E-15 2,52E-14 1,07E-17 NA 6,34E-18 5,18E-17			2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	hthalate de	0 0000 0000 00 0 0	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	9.21E-14 NA 1.43E-19 5.18E-15 5.36E-15 2.36E-15 1.15E-14 1.07E-17 1.07E-17 2.36E-18 5.18E-17			8.548 7.228 7.228 7.227 7.418 7.478
transcription (1.26=17 0.000=00 0.000=0	hthalate de		0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	9.21E-14 NA NA 1 1.43E-15 3.20E-17 2.36E-15 1.15E-14 1.07E-17 1.07E-17 2.38E-18 5.18E-17			7.856 7.856 7.856 7.856 7.866
time district the first state of	hthalate de		0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.43E-15 5.18E-15 2.36E-17 1.15E-14 1.07E-17 1.07E-17 1.07E-17 1.07E-17 1.07E-17 1.07E-17 1.07E-17 1.07E-17			2.5.4 2.0.1 2.0.1 2.0.1 3.0.1
included the state of the state	hthalate de		0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	5.18E-15 3.20E-17 2.36E-15 1.16E-14 1.07E-17 1.07E-17 5.18E-17 NA 2.96E-18			2.22.24 2.22.22.24 2.22.22.24 2.22.22.22.22.22.22.22.22.22.22.22.22.2
Targeter (1.98E-15 0.00E+00 0.00E+00 0.00E+00 1.00E+00 1.	hthalate de		0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	3.20e-17 2.36e-15 NA 1.15e-14 1.07e-17 1.07e-17 5.18e-17 5.18e-17			5.99.29.29.29.29.29.29.29.29.29.29.29.29.
and calculation of the control of th	hthalate de		0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	2.36e-15 NA 1.15e-14 2.52e-14 1.07e-17 6.34e-18 5.18e-17 NA NA			2.01 2.49 2.38 2.15 9.69 6.69
oritrie 2.45E-15 0.08 0.00E+00 0.00E+00 1.15E-14 1.25E-18 3.98E-15 0.00E+00	hthalate de		0.00E+00 0.00E+00 0.00E+00 0.00E+00 NA 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.15E-14 1.15E-14 1.07E-17 1.07E-17 6.34E-18 5.18E-17 2.96E-18			2.496 9.776 9.846 2.156 9.406
ordinating controlled	hthalate de		0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	1.15E-14 2.52E-14 1.07E-17 1.07E-17 6.34E-18 5.18E-17 2.96E-18			9.77e 9.84e 2.15e 9.15e 5.40e
onitrile children control children control children child	hthalate de		0.00E+00 0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00	2.52E-14 1.07E-17 1.07E-17 6.34E-18 5.18E-17 2.96E-18			2.15E 9.15E 9.69E
orthiazole cortinate by originate contribution contributi	nthalate de		0.00E+00 0.00E+00 0.00E+00	0.00E+00 0.00E+00 0.00E+00 NA 0.00E+00	1.07E-17 NA 6.34E-18 5.18E-17 NA 2.96E-18			9.15E
## 1.26E-16	nthalate de		0.00E+00 0.00E+00	0.00E+00 0.00E+00 NA 0.00E+00	6.34E-18 5.18E-17 NA 2.96E-18			9.69
2-eth/thexy(1)phthalate 5.37E-16 0.00E+00 0.00E+00 6.33E-18 7.46-21 1.76E-17 on Tetrachloride 1.26E-14 0.00E+00 0.00E+00 0.00E+00 5.00E+0 1.76E-18 1.76E-17 1.76E-18 1.76E-17 1.76E-18 1.76E-17 1.76E-18 1.76E-1	de de		0.00E+00 0.00E+00	0.00E+00 0.00E+00 NA 0.00E+00	6.34E-18 5.18E-17 NA 2.96E-18	-	144-	5.40E
Control of the cont	g	0 0 0	0.00E+00	0.00E+00 NA 0.00E+00	5.18E-17 NA 2.96E-18	•		1,000
Consolition of the control of the	9	0 0	AN	0.00E+00 NA NA	NA 2.96E-18		92	4.41E
Control of the control of one-time of the control of the control of one-time		0		NA NA	2.96E-18	NA.	VAI .	1.26E
Contained Cont			0.00E+00	AN OUT		2.13E-21	1.01E-18	2.53E
Chilorobiphenyl 3.08E-17 0.00E+00 0.00E+00 0.00E+00 3.68E-19 1.29E-23 1.25E-19 1.00E+17 0.00E+00 0.00E+00 0.00E+00 3.68E-19 1.29E-23 1.25E-19 1.00E+17 0.00E+00 0.00E			O DE+OO	10144101	7 ZOE-18	7 44E-22		2.976
rocthane 2.19E-14 0.00E+00 0.00E+00 0.00E+00 2.62E-16 4.35E-23 8.91E-17 rocthane 1.07E-13 NA			0.00E+00	0-00E+00	3 68F-19	1 295-23		
1,07E-13		_	0.00E+00	0.00E+00	2.62E-16	4.32E-23		
1.95E-14 0.00E+00		•	N	NA	NA	AN		
1.000		_	0.00E+00	0.00E+00	.30E	-94E	.84E-	1.96E
1.1 1.2			X	Z Z	Y.	Y.	Y.	2.49E
Dichloroethane 2.22E-15 0.00E+00			42	Z Z	A S	Z Z	Z Z	7.375
Dichloroethene 3.81E-15 NA NA <td></td> <td>0</td> <td>0.00E+00</td> <td>0.00F+00</td> <td>2. 65F-17</td> <td></td> <td>5 1</td> <td>2 2 KF</td>		0	0.00E+00	0.00F+00	2. 65F-17		5 1	2 2 KF
Dichloroethene 3.29E-15 NA			NA	NA	NA		N N	3.81E
Octation			NA	NA	AN	AN	N	3.29E
thyldisulfide 6.05E-17 0.00E+00 0.00E+00 0.00E+00 2.65E-19 2.44E-24 8.94E-20 AN NA N		•	NA.			AN		1.41
Chlorobenzene 5.82E-14 0.00E+00 0.00E+00 6.94E-16 9.71E-19 2.36E-16 7.52E-11 0.00E+00 0.00E+0		0	0.00E+00			2.44E-24		2.24E
are fine carbonics of the control of			AN O	NA OCTO	NA .			6.05E
and this construct of the construct of t	7 525-1		0.005+00	0.00E+00	6.94E-16			5.91E
thion 3.02E-17 0.00E+00 0.00E+00 3.60E-19 0.00E+00 1.23E-19 1.05E-20 4.13E-20 6.13E-17 6.13E-21 7.3SE-17 6.13E-18 7.3SE-17 6.10E+00 0.00E+00 0.00E+	1 025-1		0.005+00	0.005+00	1 225.10			7.04E
yl chloride 2.95E-15 NA	3 026-1		0.005+00	0.001	2 405-19			1.04E
ylene chloride 1.78E-13 NA	2 055-1		NA NA	O-COE+CO	3.00E-19			170.0
thylphenol 3.73E-15 0.00E+00 0.00E+00 0.00E+00 4.45E-17 0.00E+00 1.52E-17 thylphenol 3.39E-15 0.00E+00 0.00E+00 0.00E+00 4.04E-17 6.13E-23 1.38E-17 1.38E-17 0.00E+00	1.78E-1		V N	¥ 92	¥ × ×		4	1 785
thylphenol 3.39E-15 0.00E+00 0	3 73F-1	_		OUT TOO	NA / FE . 17		AN POLICE	7 705
methyl hydrazine 2.37E-11 0.00E+00 0.00	3.30F-1		0 005+00	0.005400	4.435-17		1.32E	3.195
thalene carbonitrile 2.11E-12 0.00E+00 0.00E+00 0.00E+00 4.77E-18 3.35E-19 1.62E-18	razine 2.37E-1		0.00E+00	0-00E+00	2 835-13		0 43E	2 415
thalene carbonitrile 2.11E-12 0.00E+00 0.00E+00 0.00E+00 2.52E-14 7.72E-18 8.58E-15 trosodimethylamine 2.41E-14 0.00E+00 0.00E+00 0.00E+00 2.88E-16 0.00E+00 9.79E-17 0.00E+00	4.00E-1	0.00E+00		0.00E+00	4.77E-18		1.62E-	4.06F
trosodimethylamine 2.41e-14 0.00E+00 0.00E+00 0.00E+00 2.88E-16 0.00E+00 9.79E-17 9.79E-17 0.00E+00 0.00E+00 0.00E+00 1.15E-15 2.37E-19 3.91E-16	2.11E-1	0.00E+00	0.00E+00	0.00E+00	2.52E-14		8.58E-	2.15E
senaphthalene 9.62E-14 0.00E+00 0.00E+00 0.00E+00 1.15E-15 2.37E-19 3.91E-16	trosodimethylamine 2.41E-1		0.00E+00	0.000+00	2.88E-16		9.79E-	2.45E
9.625-14 0.005-00 0.005-00 1.15E-15 2.37E-19 3.91E-16		•	00.000					
			0.00E+00	0.00E+00	1.15E-15	2.37E-19		9.77E

N	s S	AX TABLE 5	Αγ	AZ	BA	88	90	80	38
61	Chrysene	~	0.00E+00	0.005+00	0.00E+00	2.30F-16	8.01E-19	7-84F-17	1 -96F-14
82	Dibenzo(a,h)anthracene	1.93E-13	0.005+00	O DOF+DO	O OFFO	2 30E-15	1 705-16	7 8/E-16	1 065-17
63	Fluoranthene	1.93E-13	0.00F+00	0 005+00	0 005+00	2 305-15	NA .	7 8/5-14	1 065-12
75	Fluorene	1-93F-14	0 00E+00	0 005+00	000000	2 205-14	A 40E-30	7 9/5 17	1 065-12
65	Phenanthrene	7.52F-17	0 00E+00	0 005-00	00100	0 075 10	2 27E 10	2 055 10	7 445 17
99	Pyrene	3.86F-13	0 005+00	0 000-100	000000	7 40E 15	2 425-19	3.035-19	7 00E-17
_	Parathion	78E-17	00000	0.00	001100	20014	2 427 25	0, 2/0,	3.725-13
68	Pentachlorobenzene	2 275-17	0.00	0.00=+00	0.005+00	5.70E-19	(2.1/E-2)	74:	4-80E-1/
	Dhenol	7 70r 14	0.00=+00	0.00=+00	0.00E+00	Z.85E-16	NA:		2.41E-14
36	Dividino	3 441 43	0.00E+00	0.00E+00	0.00E+00	4.52E-18	AN	1.54E-18	3.85E-16
	LAI TOTTE	2.11E-12	¥.	AN	AN	NA	NA V	Y.	2.11E-12
	duinol ine	2.17E-14	0.00E+00	0.00E+00	0.00E+00	2.59E-16	1.43E-20	8.83E-17	2.21E-14
2	Tetrachlorobenzene	1.17E-14	0.00E+00	0.00E+00	0.00E+00	1.39E-16	NA	4.73E-17	1.18E-14
3	Tetrachloroethene	4.07E-16	NA	AN	NA	AN	A	AN	4. 07F-16
	Toluene	6.49E-15	AN	AN	AM	AN	NA	MA	4 40F-15
	Trichlorobenzene	5.90E-15	0.00E+00	O. OFFI	0 005+00	7 0/E-17	2 17E-20	2 VOE-17	5 00F-15
92	Trichloroethene		NA		NA	NA	2 44	NA L	7, 7/5-15
	Unsym, dimethyl hydrazine	0 356-11	0 00=+00	0 0000	00000	4 445 43	מב בכי	7 007 47	25. 101.0
78	Vapona	1 80E-16	0 005700	0.000	00-100	2 255 10	7.765-20	2.00E-15	4 00F 11
	Vinvl acetate	2 485-15	00.00	0.005400	0.00=+00	Z.25-10	67-30/**	(-0/E- 19	0 .325-10
	Vinyl chloride	2 ,005-15	2 2	¥ .	¥ :	Y.	Y.	A.	2.68E-15
	Xvienes (total)	7, 435.16	Z 2	X .	¥ :	ď.	Z.	Z.	Z.49E-15
82		1.025	¥ 2	Y.	¥ Z	Y.	ď	V.	4.63E-10
	INORGANICS								
	Arsenic	2.87E-12	0.00E+00	0.00E+00	0.00E+00	3.42E-14	1.10E-14	1.17E-15	2,92F-12
32		2.10E-14	0.00E+00	0.00E+00	0.00E+00	2.50F-16	NA	8 575-18	2 13F-14
8	Chromium (III)	8.51E-14	NA.	N.	NA	NA	AN	AN	8.51F-14
87	Chromium (VI)	2.99E-15	NA	N.	AN	AN	AN	NA	2 00F-15
	Copper	2.15E-13	NA W	NA.	A	NA	2 KAF-15	NA	2 17E-13
	Iron	6.56E-09	WA	NA	AN	AN		NA	6 56F-09
	Lead	1.10E-13	AN	NA	AN	Z	MA	MA	1 10F-13
	Mercury	1.37E-13	0.00E+00	0.00E+00	0.00E+00	1-63F-15	MA	5 56F-17	1 30F-13
	Selenium	3.53E-13	AN.		•	NA	N N		3.53F-13
	Silver	2,19E-15	A.W	AN	N.	AN	NA	Ν	2 10F-15
	Zinc	9.69E-13	N.	N	N N	KA.	5.84E-15	NA NA	9.75E-13
		ď		WT/day					
		č	15.5 Kg	(an)					
		5	1000 ug	ng/mg					
		Inhalation days	- 0 - 1 - 4 - 4 - 1 - 1 - 1 - 1 - 1 - 1 - 1						
3		Tilliararion dose - carr.pr/pm/dgillig	- Call :: D/ D#	/ nging					

Inhalation dose = Cair*br/bw/ugmg

SENSITIVITY CASE	INFANT TOTAL	EXPOSURE	
		MAXIMUM	
18-Jun-91 16:55:55	INHALATION (mg/kg/day)	BREAST MILK (mg/kg/dav)	TOTAL (ma/ka/dav)
MORKER			
ORGANICS			
Acetone		2E-1	-62F-
Acetonitrile			
Acrylonitrile			.15E-
Aldrin			-46E-
Aniline			.28E-
Atrazine			-26E-
Benzaldehyde			.40E-
Benzene			.63E-
Benzofuran	30E-		.17E-
Benzoic Acid	.34E-		.18E-
Benzonitrile	.38E-		.57E-
Benzothiazole	-306-		.10E-
Biphenyl	.34E-		6.38E-13
Bis(2-ethylhexyl)phthalate	-48E-		6.46E-16
Carbazole			5.28E-15
Carbon Tetrachloride	.25E-		8.30E-15
4-Chloroaniline	.63E-		3.02E-16
Chlorobenzene	3.91E-16	2.32E-18	3.93E-16
4-cntorobiphenyt	4.01E-16		7.44E-16
Chloroethane			5.75E-17
Chloroform	7 005-14	1.235-14	7 OFF- 14
Dibenzofuran	1 265-14		2 255-14
Dichlorobenzenes (total)	1 63F-15	- ~	
1,4-Dichlorobenzene	1.03E-16		
1,1-Dichloroethane	4-65E-15	2.77E-17	4.68E-15
1,2-Dichloroethane	1.45E-15		-
1,1-Dichloroethene	2.49E-15		_
1,2-Dichloroethene	2.15E-15		-
1,2-Dichloropropane	9.22E-16	5.48E-18	-
Dieldrin	1.44E-17		~
Dimethyldisulfide	~		_
Hexachlorobenzene	~		-
Hydrazine	~		-
Lindane	7	5.74E-18	~
Malathion	.98E-1	1.70E-17	-
Methyl chloride	1.93E-15	1.15E-17	~
sue cht	.17E-1	6.93E-16	~
Methyl ethyl ketone	.44E-1	2.09E-15	_
4-Methylphenol	.22E-1	1.90E-15	.12E-1
Monomethyl hydrazine	.55E-1	1.33E-11	.88E-1
	.62E-1	2.24E-16	.86E-1
Naphthalene carbonitrile	1.38E-12	1.19E-12	2.57E-12
n-Nitrosodimethylamine DAHs	.58E-1	1.35E-14	.93E-1
Acenanhthalene	30E-1	5 7.0E-17.	175.1
Acenaphthene	6.30E-14	5 40E-14	1 176-12

~	.	TARIF 6	19	2
2	Chrysene		1.08E-14	2.35E-
22	Dibenzo(a,h)anthracene	1.26E-13	08E	2.35E-
63	Fluoranthene	1.26E-13		2.35E-
K	Fluorene	~		2.35F-
65	Phenanthrene	-	22E-	9.14E-
99	Pyrene	2.53E-13		4.69E
29	Parathion	_	2.68E-17	5.81E-
68	Pentachlorobenzene	_	3.00E-15	1.85E-
69	Phenol	2.48E-16	2.13E-16	4-61E-
2	Pyridine	1.38E-12	8.22E-15	1.39E-12
Ξ	Quinoline	1.42E-14	1.22E-14	-94E-
2	Tetrachlorobenzene	7.63E-15	1-47E-15	
2	Tetrachloroethene	2.66E-16	1.58E-18	2.68E-16
42	Toluene	4.25E-15	-21E-	
75	Trichlorobenzene	3.86E-15	47E-	
9	Trichloroethene		1.69E-17	
17	Unsym. dimethyl hydrazine		_	14E-
78		1.24E-16	.06E-1	2.30E-
62	Vinyl acetate	1.76E-15	1.04E-17	1.77E-
80	Vinyl chloride	1.63E-15	9.67E-18	1.64E-
2 2 2	Xylenes (total)	3.03E-16	6.01E-20	3.03E-16
	INORGANICS			
	Arsenic	1 ARE-12	4	1 RRE.
32	Cachitan	1 375.16	1 1	1 375
200	Chromium (111)	5.57F-14	2 5	5 57F-14
87		1.96E-15	2 2	1.96E-15
88	Copper	-41E-	9	
89	Iron	4.29E-09	2	4.29E-
8	Lead	7.23E-14	2	7.23E-
91	Mercury	8.96E-14	및	8.96E-
92	Selenium	2.31E-13	및	2.31E-
93	Silver	•	및	1.44E-
76	Zinc	34E-	밀	6.34E-
ic i				
28				
98		ŗ	3 ROE+ON W	WZ/day
8		2.		(m)
100		5	1.00E+03 uc	6m/6n
101				
40				

G

102 103 104 105 105 106 107 108 108 108 108 108 109 109 109 109 109 109 109 109 109 109		Ξ
lonitrile in ine	Oral Slope Factor	Slope Slope Factor
	5.40E-01	NC 3.40E+01
	5.70E-03	1.14E-02
ylhexyl)phthalate	1.40E-02	2.80E-02
carbazole 2.00E-02 Carbon Tetrachloride 1.30E-01	2.00E-02 1.30E-01	4.00E-(
Chloroform	6.10E-03	2
1,1-Dichloroethane	Z.4UE-UZ	SK
1,2-Dichloroethane	9.10E-02	1.82E-01
	6.00E-01	S
Dieldrin	1.60F+01	3, 20F+0
_	1.60E+00	3.20E+00
Hydrazine	3.00E+00	6.00E+00
	1.50E+00	Z.6UE+U
Methylene chloride	7.506-03	2 2
4-Methylphenol	4 407.00	. 100
e.	5.10E+01	1.02E+02
ononima o John	477.04	100
Chrysene 6.10E+00	1.15E+01	2.30E+01
o(a,h)anthracene	1.15E+01	2.30E+01
Parathion Outpoline	1 200 101	2 / 05:03
Tetrachloroethene 3.30E-03	5.10F-02	NC NC
	1,10F-02	2 2
	2.90E-01	5.80E-01
chloride	2.30E+00	S
SOLVERS		
	4 755.00	7 507.0
Cadmium 6 10E+01	1.72E+00	3.50E+U1
(VI)	2 2	5 5
lotal		
AED AA	Adul + Evnoeuro	Evnoeting Duration
	Child Exposure	Exposure Duration
		on Duration
1ED Intant	Intant Exposure	Exposure Duration

NUMBER CARCINOGENIC RISK CARC.	20			1		
NUMBER N	3 8		WUKKEK CAKCING	JEENIC KISK		
SENSITIVITY CASE	50		INHALATION	SOIL/DUST	DERMAL	TOTAL
SENSITIVITY CASE	33	WORKER	CARC.	INGESTION	EXPOSURE	LIFETIME
Acyclonitrile Acyclonitrile Acyclonitrile Acyclonitrile Acyclonitrile Acyclonitrile Acyclonitrile Acyclonitrile B.835-19 1.07E-17 1.07E-17 1.07E-17 1.07E-17 1.07E-17 1.07E-17 1.07E-17 1.07E-19 1.06E-20 Carbazole 1.4-Dichloroethane 1.4-Dichloroethane 3.76E-17 NA NA NA NA NA NA NA NA NA N	36	SENSITIVITY CASE	KISK	CARC. RISK	CARC. RISK	CARC. RISK
Acyclonitrile Acyclonitrile Acyclonitrile Acyclonitrile Acyclonitrile Acyclonitrile B.835-19 1.07E-17 1.07E-17 1.07E-19 1.07E-17 1.07E-17 1.07E-17 1.07E-19 1.06E-20 Carbazole 1.4-Dichlorocethane 3.76E-19 NA NA NA NA NA NA NA NA NA N	20					
Acrylonitrile 3,422-15 NA NA Acrylonitrile Aldrin Aldrin 10620 2,91E-19 Aldrin 1,07E-17 8,51E-19 3,54E-18 NA	80	ORGANICS				
Addrin Aldrin Aldrin Aldrin B.835-19 Aldrin B.835-19 Aldrin B.835-19 Aniline Bric2-ethylhexyl)phthalate 3.235-20 Carbazole Carbazole Carbazole 1,4-Dichlorobenzene 1,4-Dichloroethane 1,2-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 1,3-Dichloroethane 2,33-18 A.15-19 A.15-19 A.15-19 A.15-19 A.15-19 A.15-19 A.15-19 A.16-19 A	60	Acrylonitrile	3.42E-15	NA AN	N	3.42E-15
Anil ine Bist2-ethylhexyl)phthalate Bist2-ethylhexyl)phthalate Bist2-ethylhexyl)phthalate Carbazole Carbazole Carbazole Carbazole Carbazole Carbazole Carbazole Carbazole 1,4-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,2-Dichloroethane 1,3-Bist2-20 NA NA NA NA NA NA NA NA NA N	2	Atdrin	8.83E-19	7.01E-20	.91E-	1.24E
Benzene Bis(2-ethylhexyl)phthalate 3,128-19 Carbazole Carbazole Carbazole Carbazole Carbazole Carbazole Carbazole 1,4-Dichlorocethane 1,28-17 1,2-Dichlorocethane 1,3-E-19 1	=	Aniline	1.07E-17	8.51E-19	3.54E-18	1.51E
Bis(2-ethylhexyl)phthalate 3.235-20 2.565-21 1.065-20 Carbazote Carbazote 7.106-18 NA NA NA NA Chloroform 1.4-bichloroethane N.7.66-17 NA	2	Benzene	3.12E-19	AN.	NA	3.12E
Carbazole Carbazole Carbazole Carbazole Carbazole Carbon Tetrachloride 1,4-Dichlorobrazene 1,2-Dichlorocethene 1,2-Dichlorocethene 1,2-Dichlorocethene 1,2-Dichlorocethene 1,2-Dichlorocethene 1,2-Dichlorocethene 1,2-Dichlorocethene 1,3-Dichlorocethene 1,3-Dichlorocet	3	Bis(2-ethylhexyl)phthalate	3.23E-20	2.56E-21	1.06E-20	4.55E
Carbon Tetrachloride 7.10E-18 NA NA NA 1.4 Chloropenzene 1.63E-20 NA NA NA 1.4-Dichloroethane 1.63E-20 NA NA NA NA 1.1-Dichloroethane 1.63E-19 NA NA NA 1.2-Dichloroethane 1.98E-17 NA NA 1.2-Dichloroethane 1.98E-17 NA NA 1.2-Dichloroethane 1.98E-17 NA NA 1.53E-18 1.21E-19 5.04E-19 1.53E-18 1.21E-19 5.04E-19 1.53E-18 1.21E-19 1.33E-16 1.53E-18 1.21E-19 1.33E-16 1.53E-18 1.23E-14 1.33E-16 1.53E-18 1.53E-14 1.33E-16 1.53E-18 1.53E-14 1.53E-18 1.53E-14 1.53E-16 1	14	Carbazole	3,76E-19	2.99E-20		5.30E
Chloroform 1,4-Dichloroethane 1,63E-20 NA NA 1,1-Dichloroethane 1,2-Dichloroethane 1,3-Re-15 NA	5	Carbon Tetrachloride	7.10E-18	¥¥	NA A	7.10E
1,4-bichlorobenzene 1,63E-20 NA NE NE NE 1,1-bichlorocethane 1,98E-17 NA NE 1,2-bichlorocethane 1,98E-17 NA NE NE 1,2-bichlorocethane 1,98E-17 NA NA NA 4-Methyl chloride 8,57E-20 4,57E-21 1,90E-20 NA NA NA 4-Methylchenol 1,08E-17 NA NA NA 4-Methylchenol 1,08E-17 NA NA NA 4-Methylchenol 1,08E-17 NA NA NA 4-Methylchenol 1,13E-13 8,97E-15 3,73E-15 NA	9	Chloroform	3.76E-17	NA	NA	3.76E
1,1-Dichloroethane 8.76E 19 6.95E-20 2.89E-19 1,1-Dichloroethane 1,98E-17 NA NA NA 1,2-Dichloroethane 1,98E-17 NA NA NA 1,2-Dichloroethane 1,08E-17 NA NA NA 1,2-Dichloroethane 4,15E-19 NA NA 1,2-Dichloroethane 4,15E-19 NA NA 1,2-Dichloroethane 5,76E-20 4,57E-21 1,90E-20 NA NA NA NA 1,08E-17 NA NA NA 1,08E-18 NA NA NA 1,08E-18 NA NA 1,08E-18 NA NA 1,08E-18 NA NA 1,08E-18 NA NA 1,08CANICS Arsenic 2,38E-19 NA NA 1,08CANICS Arsenic 2,38E-13 NA NA 1,08CANICS Arsenic 2,38E-12 NA NA 1,08CANICM NA 1,08C	1	1,4-Dichlorobenzene	1.63E-20	N.	N	1.63E-20
1,2-Dichloroethane 1,28E-17 NA NA NA 1,2-Dichloroethane 1,98E-17 NA	8	1.1-Dichioroethane	및	및	뀙	NE.
1,1-Dickloroethene 1,98E-17 NA NA NA L.15E-19 NA NA Dickloropropane 1,53E-18 1,21E-19 5.04E-19 1.33E-16 1.33E-16 1.33E-16 1.35E-17 1.33E-18 1.90E-20 NA	6	1.2-Dichloroethane		6.95E-20	.89E-	1.23E
1,2-Dichloropeane 1,25-Fill 1,25-Fill 1,25-Fill 1,25-Fill 1,25-14 1,25-17 1,25-14 1,23-16 1,33-Fill 1,33-F	0	1,1-Dichloroethene		NA	X	1.98E-1
Dieldrin Hexachlorobenzene Hexachlorobenzene Hexachlorobenzene Hexachlorobenzene Lindane Lindane Lindane Hethyl chloride Hethyl chlor	~	1,2-Dichloropropane		NA	AN	4.15E
Hexachlorobenzene 4.03E-16 3.20E-17 1.33E-16 Hydrazine Lindane S.76E-20 4.57E-21 1.90E-20 NA NA NA Hydrazine Chloride R.06E-20 NA NA NA HA 4-Methylchenol NE-17 NBE-17 NA NA 4-Methylchenol NBE-17 NBE	2	Dieldrin	33E-	1.21E-19	.04E-	2.15E
Hydrazine	M	Hexachlorobenzene	4.03E-16	3.20E-17	.33E-	5.69E-16
Lindane Lindane Methyl chloride Methyl chloride Methylehold Momethyl chloride Monomethyl hydrazine Nomethyl hydrazine	4	Hydrazine	5.57E-12	7.75E-14	3.23E-13	5.97E
Methyl chloride 8.06E-20 NA NA Methyl chloride 1.08E-17 NA NA Methylene chloride 1.08E-17 NA NA Monomethyl hydrazine 1.3E-13 8.97E-15 3.73E-14 Monomethyl hydrazine 1.3E-15 4.23E-16 1.76E-15 PAHS 5.33E-15 4.23E-16 1.76E-15 Benzo(a)pyrene 5.10E-15 7.63E-16 3.18E-15 Chrysene 5.10E-15 7.63E-16 3.18E-15 Dibenzo(a,h)anthracene 5.10E-15 7.63E-16 3.18E-15 Parathion 1.3E-15 8.97E-17 3.18E-15 Parathion 1.3E-15 NA NA I etrachloroethene 5.3E-21 NA NA Vapona 2.38E-19 1.88E-20 7.84E-20 Vinyl chloride 3.18E-13 NA NA INORGANICS 1.87E-13 1.73E-15 7.19E-15 Arsenic 5.55E-16 NA NA Cadmium VI) 5.55E-16	S	Lindane	5.76E-20	4.57E-21	1.90E-20	8.12E-20
### Wethylene chloride	9	Methyl chloride	8.06E-20	NA	NA	8.06E-20
4-Methylphenol	1	Methylene chloride	1.08E-17	NA NA	NA	1.08E-17
Monomethyl hydrazine 1.13E-13 8.97E-15 3.73E-14 7.61E-15 PAHS Benzo(a)pyrene 5.10E-15 7.63E-16 1.76E-15 PAHS Benzo(a,pyrene 5.10E-15 7.63E-16 3.18E-15 Chrysene 7.10E-15 7.63E-16 3.18E-15 Parathion NE	8	4-Methylphenol	및	및	및	및
n-Nitrosodimethylamine 5.33E-15 4.23E-16 1.76E-15 PAHS Benzo(a)pyrene 5.10E-15 7.63E-16 3.18E-15 Chrysene Dibenzo(a,h)anthracene 5.10E-15 7.63E-17 3.18E-15 Dibenzo(a,h)anthracene 5.10E-15 7.63E-17 3.18E-15 Parathion Ne	0	Monomethyl hydrazine	1.13E-13	8.97E-15	3.73E-14	1.59E-13
Benzo(a)pyrene 5.10e-15 7.63e-16 3.18e-15 Chrysene Dibenzo(a,h)anthracene 5.10e-16 7.63e-17 3.18e-15 Parathion	22	n-Nitrosodimethylamine Paks	5.33E-15	4.23E-16	1.76E-15	7.51
Chrysene Dibenzo(a,h)anthracene Dibenzo(a,h)anthracene Dibenzo(a,h)anthracene Dibenzo(a,h)anthracene Parathion Auinoline Tetrachloroethene Trichloroethene Trichloroethene	2	Renzo(a)nyrene	5.10E-15	7.63E-16		9.04E-15
Diberzo(a,h)anthracene 5.10E-15 7.63E-16 3.18E-15 Parathion	M	Chrysene	5.10F-16	7. 63F-17		91-47U 6
Parathion Quinoline Quinoline 1.13E-15 Ry7E-17 S.73E-16 Trichloroethene 2.07E-19 Vapona Vinyl chloride INORGANICS Arsenic Cadmium Chromium (VI) Total August 1.08E-15 S.82E-21 NA NA NA NA NA NA NA NA NA N	2 7	Nibenzo(a h)anthracene	5 10F-15	7.63F-16	3 18F-15	0 0/E-15
1.13E-15 8.97E-17 3.73E-16 Tetrachloroethene 5.82E-21 NA	L L	Donothi on	2 4	2 17	1 11	
Tetrachloroethene 5.82E-21 NA	2 3	Quinofine	1 175-15	8 O7E-17	745	1 505.15
Trichloroethene	1	Totach	E 82E-24	- 41	3	E 025.24
INORGANICS Arsenic Cadmium Chromium (VI) Total Interior Canal State 19 2.38-19 1.88-20 2.38-20 3.18-18 1.88-20 7.84-20 NA NA NA NA NA NA NA NA NA N	- 0	Tricklonocthono	2 075-10	2 4	Z <	2000
Vapona Vinyl chloride 3.18e-19 INORGANICS Arsenic Cadmium Chromium (VI) Total S.89e-12 S.0 Vanc. Total S.004e-20 S.18e-20 S.18e-12 S.18e-13 S.18e-15 S.18e-16 S.18e-1	2 9		2 701 10	1 000	7 0/1 30	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
INORGANICS Arsenic Cadmium Chromium (VI) Total A.87E-13 1.87E-13 1.73E-15 NA	× C	Vapona Vincil ohlonido	7 185.18	1.00E-20	1.045-20	2 185-18
INORGANICS Arsenic Cadmium Cadmium Chromium (VI) Chromium (VI) Cadmium Chromium (VI) Chromium (VII) Chromium (VIII) Chromium (VIIII) Chromium (VIIII) Chromium (VIIII) Chromium (VIIII) Chromium (VIIII) Chromium (VIIII) Chromium (VIIIII) Chromium (VIIIIII) Chromium (VIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	2 -	vinyt chtoride	3.105-10	ž	Z.	301.0
Arsenic 1.87E-13 1.73E-15 7.19E-15 Cadmium (VI) 5.52E-16 NA NA NA NA Chromium (VI) 5.32E-16 NA NA NA Total 5.89E-12 9.04E-14 3.76E-13	- 01	INORGANICS		i	1	,
Cadmium (VI) 5.55E-16 NA NA NA Chromium (VI) 5.32E-16 NA NA NA Total 5.89E-12 9.04E-14 3.76E-13	W.	Arsenic	1.87E-15	1.73E-15	7.19E-15	1.96E-13
Chromium (VI) 5.32E-16 NA NA NA Total 5.89E-12 9.04E-14 3.76E-13	4	Cadmium	5.55E-16	NA NA	AN	5.55E
Total 5.89E-12 9.	ď,	Chromium (VI)	5.32E-16	N A	NA	5.32E
ייייין יויייין יוייין יויין יוייין יוייין יוייין יוייין יוייין יוייין יוייין יוייין יוייין יויין יוייין יוייין יוייין יויייין יוייין יוייין יוייין יוייין יוייין יויייין יויייין יויייין יויייין יויייין יויייין יוייייין יוי	91	- + - L	5 80E-12	O 0/E-1/	7 7KE-12	4 ZKE-12
SO VEABS	- a	lotat	J. 07E- 15	7.04E 14	3.10E-13	0.00
SOU TEAKS	0 0		۷ 0۶	YEARS - TOTAL	WORKER EXPOS	IRE DIPAT

155	89	ن ن	۵۱	ш	LL.
130			TABLE 8	-	
158			REFERENCE DOSE	FOR .	NONCARCINOGENIC
159			errecis (mg/kg-day)	-day)	
160			Inhalation	Oral	Dermal
161	WORKER CENETITY CASE		RfD	RfD	RfD
163	SENSITATIONSE				
16.5					
165					
166	ORGANICS				
167	Acetone		1.82E+00	1.00E-01	
368	Acetonitrile		1.00E-02	6.00E-02	3.00E-02
60	Acrylonitrile		4.59E-03	2.70E-04	2
21	Aldrin		2.55E-04	3.00E-05	1.50E-05
2	Aniline		7.76E-03	1.95E-03	9.75E-04
74	Atrazine		5.10E-03	5.00E-03	2.50E-03
17,	Benzaldenyde		1.00E-01	1.00E-01	٥.
175	Benzelle		3.20E-02	1.00E-03	S
37.	Bonge Co. Acid		2.00E-03	5.00E-03	2.50E-03
177	Renzonitrile		00E+00	4.00E+00	Z.00E+00
178	Renzothiazole		1 00E-03	1 005-03	4.00E-US
179	Biphenyl		1 33F-03	5 00E-03	
180	Bis(2-ethylhexyl)phthalate	vl)phthalate	5, 10E-03	4.00F-03	1 005-02
181	Carbazole		5.00E-03	5.00E-03	2 50E-02
182	Carbon Tetrachloride	loride	3.16E-02	7.00E-04	N JN
183	4-Chloroaniline	ø	4.00E-03	4.00E-03	2.00F-03
184	Chlorobenzene		5.00E-03	2.00E-02	S
185		~ <u>~</u>	2.45E-02	2.45E-02	1.22E-02
38	4,4-Chlorobiphenyl	enyl	2.33E-02	2.33E-02	1.16E-02
187	Chloroethane				SC
2 5	Chlorotorm		5.00E-02	1.00E-02	S
196	Dichlorobanzanac	oc (total)	NA 4	NA O OOF	¥ S
191	1.1-Dichloroet	hane.	1 OUE-01	1 005-02	2 5
192	1,2-Dichloroethane	nane	4.08E-02	4-89E-03	2, 45F-03
193	1,1-Dichloroet	nene	2.04E-02	9.00E-03	NC
164	1,2-Dichloroet	ene	8.10E-01	2.00E-02	S
195	1,2-Dichloropr	pane	3.54E-01	8.60E-03	NC
1,00	Dieldrin	4	2.55E-04	5.00E-05	2.50E-05
108	usech orchonators	de	8-10E-03	8.10E-05	2
38	Hydrazine	<u>ם</u>	1 335.04	6 00E-04	4.00E-04
200	Lindane		5 10E-04	2 00E-04	3.00E-04
201	Malathion		1.02E-02	2.00F-02	1 005-04
202	Methyl chloride		1.05E-01	1.80E-02	NC OK
203	Methylene chloride	ide	8.57E-01	6.00E-02	S S
204	Methyl ethyl ke	ketone	.00E	5.00E-01	2.50E-01
202	4-Methylphenol		1.02E-02	5.00E-02	2.50E-02
506	Monomethyl hydrazine	azine	.94E	2.20E-04	1.10E-04
202			10E	4.00E-03	2.00E-03
208	Naphthalene car	carbonitrile	5.10E-02	4.00E-03	2.00E-03
209	n-Nitrosodimethylamine	ly tamine	2.80E-04	2.80E-04	1.40E-04
217	PAHS			,	
212	Acenaphthene	au.	6.00E-02	6.00E-02	3.00E-02
213	Benzo(a)pyrene	ne	3.00E-02	3 00E-02	3.00E-02
214	Chrysene		3.00E-02	3.00E-02	1.50F-02
					1

Œ	1.50E-02	Z.00E-02	2.00E-02	1.50E-02	1.50E-02	3.00E-03	4.00E-04	3.00E-01	2	1.00E-01	1.50E-04	S	2	1.00E-02	S	6.10E-04	4.00E-04	N	N	2			5.00E-05	5.00E-05	NC.	S	Z Z	S S	1.50E-05	N.	2	NG
ш	3.00E-02	4-00E-02	4.00E-02	3.00E-02	3.00E-02	6.00E-03	8.00E-04	6.00E-01	1.00E-03	2.00E-01	3.00E-04	1.00E-02	2.00E-01	2.00E-02	7.35E-03	1.22E-03	8.00E-04	1.00E+00	1.30E-03	2,00E+00			1.00E-03	1.00E-03	2	2	3.80F-02	NC	3.00E-04	S	2	2.00E-01
D TABLE 8	3.00E-02	4.00E-02	4.00E-02	3.00E-02	3.00E-02	5.10E-05	8.00E-04	1.94E-02	1.63E-02	2.00E-01	3.00E-04	3.46E-01	5.71E-01	3.00E-03	2.74E-01	1.22E-03	8.00E-04	2.00E-01	1.33E-02	8.57E-02			2,04E-04	5.10E-05	5.10E-04	5,10E-05	1.00E-02	1.02E-03	8.57E-05	2.04E-04	1.02E-05	8.19E-03
0	Dibenzo(a,h)anthracene	ברחו שורוופופ	rinorene	Phenanthrene	Pyrene	Parathion	Pentachlorobenzene	Phenol	Pyridine	Quinoline	Tetrachlorobenzene	Tetrachloroethene	Toluene	Trichlorobenzene	Trichloroethene	Unsym. dimethyl hydrazine.	Vapona	Vinyl acetate	Vinyl chloride	Xylenes (total)		INORGANICS	Arsenic	Cadmium	Chromium (III)	Chromium (VI)	Copper	Iron	Mercury	Selenium	Silver	Zinc
E 9	10 V	1 C	_	20	0	0	_	a	M	\ †	ī	2	_	en	0	0	_	٥ı	~	.+			_	ന	^	_	_	01	~	.+	10	5
155	215	3 6	V	218	ົ້ວ	220	22	222	22	224	22	226	22.	228	229	23	23	23	23	23	235	23	237	235	23	24(24.	245	54	244	242	546

STREAM
WASTE
HYDRAZINE
18-Jun-91
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ARSENAL
Z
MOUNTAIN
ROCKY

o	TOTAL ADULT HAZARD INDEX	7.118	1.00E-13
2	DERMAL EXPOSURE HAZARD QUOTIENT	4.36E-13 1.35E-15 1.35E-15 6.51E-13 8.20E-15 8.20E-15 9.00E-17 1.54E-13 1.54E-13 1.54E-13 1.54E-13 1.54E-15 1.54E-15 1.54E-15 1.54E-15 1.54E-15 1.54E-15 1.54E-15 1.54E-15 1.54E-15 1.54E-15 1.54E-15 1.54E-15 1.54E-15 1.54E-15 1.54E-15 1.54E-15 1.54E-15 1.54E-15 1.54E-15 1.55E-16 1.55E-	2.18E-15
Σ	FISH INGESTION HAZARD QUOTIENT	NA 0.00E+00 0.	0.00E+00
-1	SOIL/DUST INGESTION HAZARD QUOTIENT	1.05E-13 1.05E-13 1.57E-16 1.57E-16 1.57E-17 1.05E-17 1.08E-16 1.08E-16 1.08E-16 1.02E-17	.24E-1
¥	BEEF INGESTION HAZARD QUOTIENT	NA NA 0.00E+00	0.00E+00
*3	MILK INGESTION HAZARD QUOTIENT	NA 0.00E+00	0.00E+00
I INDEX	VEGETABLE INGESTION HAZARD QUOTIENT	0.00E+00	0.00E+00
H TABLE 9 ADULT HAZARD 1	INHALATION HAZARD QUOTIENT	7.11E-16 1.17E-10 1.17E-10 1.17E-10 1.16E-14 1.16E-15	9.76E-14
<u>د</u>	WORKER SENSITIVITY CASE	Acetone Acetone Acetone Acetonitrile Acrylonitrile Aldrin Aniline Atrazine Benzaldehyde Benzaldehyde Benzoftuan Benzoitwin Benzoitwid Benzoitwid Benzoitwid Bis(2-ethylhexyl)phthalate Carbazole Car	Chrysene
155 156 157 158	762 163 164 164 164 164 164 164 164 164 164 164		214

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0	1.00E-12	7.52E-15	7.52E-14	3.91E-16	2.01E-12	1.42E-13	4.62E-12	2.97E-15	1.97E-11	1.69E-14	6.05E-12	1.78E-16	1.72E-15	3.00E-13	2.40E-15	1.19E-08	3.68E-14	2.03E-15	2.83E-14	8.20E-16			2.15E-09	6.25E-11	2.53E-11	8.90E-12	3.26E-12	9.75E-07	2.44E-10	2.62E-10	3.26E-11	1.79E-11	1.26E-06
2	2.18E-14	1.65E-14	1.65E-15	8.48E-18	4.36E-14	2.70E-17	1,00E-13	2.14E-18	NA	3.68E-16	1.31E-13	NA	AN	9.99E-16	NA	2.59E-10	8.00E-16	NA	AN	AN			9.72E-12	7.11E-14	NA	AN	AN	AN	1.54E-12	NA	NA	NA.	1.07E-09
¥	0.00E+00	NA	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	AN	AN	0.00E+00	NA	AN	NA	0.00E+00	NA	0.00E+00	0.00E+00	NA	AN	NA			0.00E+00	AN.	NA	NA AN	0.00E+00	AN	NA	A.	AN	0.00E+00	0.00E+00
_	5.24E-15	5.93E-15	5.95E-16	2.04E-18	1.05E-14	6.49E-18	2.41E-14	5.14E-19	NA	8.85E-17	3.16E-14	NA	AN	2,40E-16	AN	6.24E-11	1.92E-16	AN	AN	AN			2.34E-12	1.71E-14	NA	N.	NA	NA	3.71E-13	NA.	NA	NA	2.56E-10
¥	0.00E+00	U.UUE+UU	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	0.00E+00	NA	NA	0.00E+00	NA	0.00E+00	0.00E+00	NA	AN.	HA			0.00E+00	0.00E+00	AN	NA	NA	AN	0.00E+00	AN	AN	NA	0.00E+00
~	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	NA	0.00E+00	0.00E+00	N.	AN	0.00E+00	NA	0.00E+00	0.00E+00	N	A	NA			0.00E+00	0.00E+00	NA	AN	NA	AN	0.00E+00	NA	AN	AN	0.00E+00
ı	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	WA	0.00E+00	0.00E+00	NA	NA	0.00E+00	NA	0.00E+00	0.00E+00	A	NA	Ā			0.00E+00	0.00E+00	NA	N	AN	NA	0.00E+00	NA	NA	N	0.00E+00
TARIE O	9.76E-13	7.52E-15	7.52E-14	3.80E-16	1.95E-12	1.42E-13	4.49E-12	2.97E-15	1.97E-11	1.65E-14	5.89E-12	1.78E-16	1.72E-15	2.98E-13	2.40E-15	1.16E-08	3.58E-14	2.03E-15	2.83E-14	8.20E-16			2.14E-09	6.24E-11	2.53E-11	8.90E-12	3.26E-12	9.75E-07	2.42E-10	2.62E-10	3.26E-11	1.79E-11	1.26E-06
S	anthracene	ene		threne		Parathion	Pentachlorobenzene	Phenol	Pyridine	Quinoline	Tetrachlorobenzene	Tetrachloroethene	Toluene	Trichlorobenzene	Trichloroethene	Unsym. dimethyl hydrazine	Vapona	Vinyl acetate	Vinyl chloride	Xylenes (totai)		INORGANICS	Arsenic	Cadmium	Chromium (III)	Chromium (VI)	Copper	Iron	Mercury	Selenium	Silver	Zinc	Total (Hazard Index)
155 B	215	270	717	218	219	220	221	222	223	554	225	226	227	228	229	230	231	232	233	234	235	236 INC	237	238	239	240	241	242	243	544	245	246	248

LL.		92.6666	1.4212 NA NA	1.4212 NA	5.9122	NA	A A A A	K K	NA	N NA	100.0000
C TABLE 10 CARCINOGENIC RISK CONTRIBUTION BY PATHWAY	WORKER SENSITIVITY CASE	Adult Inhalation	Ingestion Vegetables Milk	Beet Soil/Dust Fish	Dermal	Child Inhalation	Ingestion Vegetables Milk Beef	Soil\Dust Fish	Dermal Infant	Inhalation Breast Milk Ingestion	Total
∞											•
253 254 255	258 258 258	260 261 261	263 264 265	792 792 793 793 793	270	272	275 276 277 278	279 280 281	282 283 284	285 286 287	290

9.5 HYDRAZINE WASTE STREAM AND EMISSION DOCUMENTATION

TABLE 9.5-1 ORGANIC COMPOSITION OF HYDRAZINE RINSEWATER IN TANKS & SUMP

				Concen	Concentration Ranges (µg/I)	(I/8rl)				Sum of the	f the
Compounds		Tank US-3			Tank US-4			In-ground Sump		Average Max (tons/yr)	Maximums s/yr)
Volatiles	100	901	U23	27 6	8	2 80	7.163	, 5	7.200	20212-05	4 22E.0E
1.1-Diction of the second of t	, por	25.	13.1	<124	2005	2.02 < 12.4	, 420 v	367. 707.	0767	1.56E-05	2 R2E-05
1.2-Dichloroethane		<35	143	1.67	< 5.00	1.66	<1.41	1.41	< 28.0	9.11E-06	1.71E-05
1.2-Dichloropropane	< 26 .	37.5	89.1	<134	< 5.00	<134	 134	×134	< 26.0	5.79E-06	1.14E-05
Acetone	< 440 .	< 550 ,	50.7	22.2	32.0	23.8	<222 ,	<222,	×440	3.50E-05	6.04E-05
Benzene	92 ,	112 ,	53.0	2.66	< 5.00	2.41	< 0.830	< 0.830 >	< 16.6	1.02E-05	1.35E-05
Chlorobenzene	< 10.6	<133,	41.6	< 0.530	5.00	< 0.530	< 0.530	< 0.530	< 10.6	2.45E-06	5.82E-06
Chloroethane	< 320 ,	< 400	2000	<16.2 ,	< 10.0	<16.2	< 162 ,	<162,	< 320	8.99E-05	2.25E-04
Chloroform	3200,	4750 ,	3400	, 9.96	106.0	102	<1.93	<1.93 ,	<38.0	4.38E-04	5.41E-04
Chloromethane	< 108 ,	<135 ,	453	25.6	< 10.0 ,	< 5.43	< 5.43 ,	<5.43 ,	< 108	1.21E-05	2.22E-05
Dimethyl Disulfide	69.65	142,	4.9	57.0	53.0	61.0	< 1.16	<1.16	< 1.16	2.48E-05	2.70E-05
Methylethyl ketone	< 220 ,	< 275 ,	27.2	< 10.9 ,	< 10.0	< 10.9	< 10.9	13.3	< 220	1.53E-05	2.58E-05
Methylene Chloride	2800 ,	4000,	13000	61.0 ,	110.0	9.68	<222,	<222 ,	×440	7.31E-04	1.42E-03
Tetrachlorethene	< 20,0 ,	< 25.0 ,	2,60	< 1.01	< 5.00	< 1.01	<1.01	<1.01 >	<20.0	1.67E-06	3.18E-06
Toluene	< 26.0	<32.5 ,	5.09	<1.29	< 5.00 ,	<129	. 8.86	115	989	2.66E-05	5.95E-05
Trichloroethene	· 08.2 >	< 975 ,	5.16	< 0.390 ,	< 5.00	< 0.390	< 0.390	< 0.390	< 7.80	1.78E-05	5.22E-05
Vinyl acetate	134	< 158 ,	< 6.26	< 6.26 ,	< 10.0	< 626	< 6.26	< 626 ,	126	1.10E-05	2.13E-05
Vinyl chloride	<110 ,	<138,	783	< 5.51	< 10.0 ,	< 5.51	<5.51	<5.51	< 110	1.02E-05	1.48E-05
o,p-Xylene	<22.0	<27.5 ,	184	<1.10 ,	< 5.00 ,	< 1.10	<1.10	<1.10	<32.0	1.90E-06	3.81E-06
Semivolatiles											
Aniline	1200,	1460,	1260	1500	NA	6400	< 1.60 ,	< 1.60 ,	< 1.60	1.78E-03	2.82E-03
Atrazine			413	4.92	4.85	5.5	150 ,	10.5	8,86	1.10E-05	1.94E-05
Benzothiazole	274 ,	2.47	2.74	3.26	14.9	2.97	<11.4	<11.4	<11.4	3.69E-06	6.98E-06
4-Chloroaniline	< 1.68 ,	< 1.68	× 1.68	2.94	< 0.707	2.88	< 1.68	< 1.68	× 1.68	1.02E-06	1.38E-06
Malathion	< 0.373	< 0.373	< 0.373	< 0.373	< 0.373	< 0.373	< 0.373	0.574	< 0.373	1.24E-07	1.45E-07
4-Methylphenol	×3.89	, 23.89 , 1	63.8	< 3.89	< 0.884	< 3.89	, sor _	45.5	0Z :	1.39E-05	2.77E-05
Naphthalene	8.18	8.78	14.2	< 2.96	< 0.270 ,	< 2.96	<296,	< 2.96	< 2.96	1.64E-06	2.22E-06
Parathion	× 0.647	< 0.647	× 0.647	< 0.647	< 0.647	< 0.647	< 0.647	< 0.647	× U.647	1.965-07	1.96E-07
I'nenanthrene	, 0360 ,	, 03.00 ×	73.20	< 0.960 ,	< 0.476 ,	V 230	, ve.yev ,	, 000.0	0.50	70-35-07	3.70E-07
Vapona	7 786 0 7	. 191	7860	< 0.384	< 0.384	< 0.384	, 7337 > 0.384	- 785 U V	186.07	7.74F-07	2.09E-06
his (2-Fithylbexyllnhthalate	1 98	000	× 198	<1.98	<326	11.0	< 198	< 198	214	2.18E-06	4.98F-06
Pesticides		I) 1			i		
Aldrin	< 0.050	< 0.050	0,252	< 0.050	< 0.155	< 0.050	, 008.0>	<020×	< 0.500	4.91E-08	7.95E-08
Dieldrin	0.139	0.125 ,	0.101	< 0.100 ,	< 0.315 ,	< 0.100	< 1.00	<1.00	< 1.00	9.02E-08	1.22E-07
Lindane	< 0.050 ,	< 0.050 >	0.255	< 0.050	NA ,	< 0.050	< 0.500	< 0.500	< 0.500	4.19E-08	5.79E-08
Hydrazine Fuel Compounds/NDMA											
Hydrazine	22,000 ,	, 000,09	27,000	, 000,67	1,000,000,1	1,100,000	2,100	850	380	3.07E-01	4.65E-01
Monomethyl hydrazine	94,000	, 000,00	50,000	140,000	320,000	180,000	< 2500 ,	< 2500 ,	<2500	9.72E-02	1.43E-01
Unsymmetrical dimethy! hydrazine	0005	110,000	00,000	, 000,001,1	, 000,018	000'067	0041	. 000 . 00 =	0.00	3.845-01	4.71E-01
n-ivitrosogimetnylamine	, 010	R	5	0.00	, 021	0.00	• D#:+	* 00°C	0 ₹ ·T	2.00E-U3	1.305-04
F			20.000			000 000			do ok		
Lotal Capacity, gailons Assumed Incineration Period years			00,000			200,002			40,000 2		

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OF ROCKY MOUNTAIN ARSENAL HYDRAZINE RINSEWATER TABLE 9.5-2 ORGANIC EMISSION RATES FROM INCINERATION OF

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							Effective	Emission Rate	Normalized Destruction	Calc. Fmis Rate	Destruction	Emission
	E Co.	Thermal	Theoretical	Emission	Emission	Total	Theoretical	Normalized	Efficiency	Normalized	Normalized	Normalized
	Rafe (a)	Efficiency	Efficiency	POHC (b)	Nate of	Rafe (h)	Destruction	10 FCE	10 PCE	to 99.99%		to 99.99% to 99.99% Maximum Maximum (e)
Compounds	(tons/yr)	(4) (%)	(4) (%)	(tons/yr)	(tons/yr)	(tons/yr)	(4) (%)	(tons/yr) (b)	(%) (p)	(tons/yr)	H H	(grams/sec)
1,1-Dichloroethane	2.92E-05	66.66	6666'66	2.920E-11	0.000E+00	2.920E-11	6666666	5.554E-14	100.0000	2.92E-09	0066.66	1.05E-10
1,1-Dichloroethene	1.56E-05	66'66	6666666	1.560E-11	1.791E-09	1.807E-09	99,9884	3.436E-12	100,0000		99.9900	5.62E-11
1,2-Dichloroethane	9.11E-06	66'66	666666	9.110E-12	7.310E-10	7.401E-10	99,9919	1.408E-12	100.0000	9.11E-10	99.9900	3.28E-11
1,2-Dichloropropane	5.79E-06	66'66	6666666	5.790E-12	0.000E+00	5.790E-12	666666	1.101E-14	100.0000	5.79E-10	99.9900	2.08E-11
Acetone	3.50E-05	66'66	6666666	3.500E-11	0.000E+00	3.500E-11	6666'66	6.657E-14	100,0000	3.50E-09	99,9900	1.26E-10
Benzene	1.02E-05	51.00	99.5100	4.998E-08	8.848E-08	1.385E-07	98.6425	2.634E-10	99.9974	1.02E-09	99.9900	3.67E-11
Chlorobenzene	2.45E-06	90.00	0006.66	2.450E-09	4.137E-10	2.864E-09	99.8831	5.447E-12	8666'66	2.45E-10	0066'66	8.82E-12
Chloroethane	8.99E-05	66'66	6666666	8.990E-11	0.000E+00	8.990E-11	6666'66	1.710E-13	100.0000	8.99E-09	99.9900	3.24E-10
Chloroform	4.38E-04	66.66	6666666	4.380E-10	0.000E+00	4.380E-10	6666'66	8.331E-13	100.0000	4.38E-08	0066'66	1.58E-09
Chloromethane	1.21E-05	96.00	0096'66	4.840E-09	7.916E-08	8.400E-08	99.3058	1.598E-10	2866.66	1.21E-09	0066'66	4.36E-11
Dimethyl Disulfide	2.48E-05	66.66	6666666	2.480E-11	0.000E+00	2.480E-11	6666'66	4.717E-14	100.0000	2.48E-09	0066'66	8.93E-11
Methylethyl ketone	1.53E-05	66'66	6666666	1.530E-11	0.000E+00	1.530E-11	6666'66	2.910E-14	100.0000	1.53E-09	99,9900	5.51E-11
Methylene Chloride	7.31E-04	66.66	6666666	7.310E-10	2.225E-09	2,956E-09	9666.66	5.623E-12	100.0000	7.31E-08	99,9900	2.63E-09
Tetrachloroethene (PCE)	1.67E-06	99.90	066666	1.670E-11	8.778E-08	8.780E-08	94.7426	1.670E-10	0066'66	1.67E-10	0066'66	6.01E-12
Toluene	2.66E-05	99.32	99,9932	1.809E-09	3.666E-09	5.475E-09	99.9794	1.041E-11	100.0000	2.66E-09	0066'66	9.58E-11
Trichloroethene	1.78E-05	99.95	99.9995	8.900E-11	1.390E-08	1.399E-08	99.9214	2.661E-11	666666	1.78E-09	0066'66	6.41E-11
Vinyl acetate	1.10E-05	66.66	6666666	1.100E-11	0.000E+00	1.100E-11	6666'66	2.092E-14	100.0000	1.10E-09	99.9900	3.96E-11
Vinyl chloride	1.02E-05	66.66	6666666	1.020E-11	4.932E-08	4.933E-08	99.5164	9.383E-11	1666.66	1.02E-09	99.9900	3.67E-11
o,p-Xylene (total)	1.90E-06	66.66	6666666	1.900E-12	7.943E-09	7.945E-09	99.5819	1.511E-11	99,9992	1.90E-10	99.9900	6.84E-12
Aniline	1.78E-03	94.60	99.9460	9.612E-07	5.100E-11	9.613E-07	99.9460	1.828E-09	666666	1.78E-07	99.9900	6.41E-09
Atrazine	1.10E-05	66.66	666666	1.100E-11	0.000E+00	1,100E-11	666666	2.092E-14	100.0000	1.10E-09	0066'66	3.96E-11
Benzothiazole	3.69E-06	66.66	6666666	3.690E-12	0.000E+00	3.690E-12	6666666	7.019E-15	100.0000	3.69E-10	0066'66	1.33E-11

TABLE 9.5-2

OF ROCKY MOUNTAIN ARSENAL HYDRAZINE RINSEWATER ORGANIC EMISSION RATES FROM INCINERATION OF

(continued 2 of 4)

		Thermal	Theoretical	Emission	Fmission	Total	Effective	Emission Rate	Normalized Destruction Efficiency	Calc. Emis. Rate Normalized	Destruction Efficiency Normalized	Emission Rate
	Feed	Destruction	Destruction	Rate of	Rate of	Emission	Destruction	to PCE	to PCE	to 99.99%	to 99.99%	to 99.99%
Commonade	Rate (a)	Efficiency	Efficiency	POHC (b)	PIC (b)	Rate (b)	Efficiency	at 99.99%	at 99.99%	Maximum (c)	Maximum	Maximum (e)
	(16)0000	(0) (0)	(a) (a)	(African)	(Mission)	(ificion)	(9) (9)	(a) (ibisiiai)	(a) (ar)	(ikicina)	(10) (11)	(Stampleto)
4-Chloroaniline	1.02E-06	99.81	1866.66	1.938E-11	1.780E-09	1.799E-09	99.8236	3.423E-12	99,9997	1.02E-10	99,9900	3.67E-12
Malathion	1.24E-07	66'66	6666666	1.240E-13	0.000E+00	1.240E-13	6666'66	2.359E-16	100.0000	1.24E-11	0066'66	4.46E-13
4-Methylphenol	1.39E-05	66.66	6666666	1.390E-11	2.868E-11	4.258E-11	266.66	8.098E-14	100.0000	1.39E-09	0066'66	5.00E-11
Naphthalene	1.64E-06	84.00	99.8400	2.624E-09	3.997E-08	4.259E-08	97.4029	8.101E-11	99,9951	1.64E-10	99.9900	5.90E-12
Parathion	1.96E-07	66.66	6666666	1.960E-13	0.000E+00	1.960E-13	6666666	3.728E-16	100.0000	1.96E-11	99,9900	7.06E-13
Phenanthrene	2.83E-07	88.00	99.8800	3.396E-10	1.583E-08	1.617E-08	94.2856	3.076E-11	1686'66	3.08E-11	1686.66	1.11E-12
Phenol	6.92E-07	66.66	6666666	6.920E-13	8.177E-08	8.177E-08	88.1833	1.555E-10	99.9775	1.56E-10	99.9775	5.60E-12
Vapona	7.74E-07	66'66	6666666	7.740E-13	0.000E+00	7.740E-13	6666666	1.472E-15	100.0000	7.74E-11	0066'66	2.79E-12
bis(2-Ethylhexyl)phthalate	2.18E-06	66'66	6666666	2.180E-12	0.000E+00	2.180E-12	666666	4.147E-15	100.0000	2.18E-10	0066'66	7.85E-12
Hydrazine	3.07E-01	66.66	6666666	3.070E-07	0.000E+00	3.070E-07	6666666	5.839E-10	100.0000	3.07E-05	99.9900	1.11E-06
Monomethyl hydrazine	9.72E-02	66.66	6666666	9.720E-08	0.000E+00	9.720E-08	6666666	1.849E-10	100.0000	9.72E-06	0066'66	3.50E-07
Unsymmetrical												
dimethyl hydrazine	3.84E-01	66.66	666666	3.840E-07	0.000E+00	3.840E-07	666666	7.304E-10	100.0000	3.84E-05	0066.66	1.38E-06
n-Nitrosodimethylamine	9.88E-05	66.66	6666666	9.880E-11	0.000E+00	9.880E-11	666666	1.879E-13	100.0000	9.88E-09	99.9900	3.56E-10
Aldrin	4.91E-08	66.66	6666666	4.910E-14	0.000E+00	4.910E-14	6666'66	9.339E-17	100.0000	4.91E-12	99,9900	1.77E-13
Dieldrin	9.02E-08	66'66	6666666	9.020E-14	0.000E+00	9.020E-14	666666	1.716E-16	100,0000	9.02E-12	99.9900	3.25E-13
Lindane	4.19E-08	66.66	6666666	4.190E-14	0.000E+00	4.190E-14	666666	7.970E-17	100.0000	4.19E-12	99.9900	1.51E-13

OF ROCKY MOUNTAIN ARSENAL HYDRAZINE RINSEWATER TABLE 9.5-2 ORGANIC EMISSION RATES FROM INCINERATION OF (continued 3 of 4)

							Emission Rate	
		Thermal	Theoretical	Emission	Emission	Total	Normalized	Total
	Feed	Destruction	Destruction	Rate of	Rate of	Emission	to PCE	Emission
PICS with	Rate (a)	Efficiency	Efficiency	POHC (b)	PIC (b)	Rate (b)	at 99,99%	Rate (f)
Specific Precursors	(tons/yr)	(9) (%)	(q) (%)	(tons/yr)	(tons/yr)	(tons/yr)	(tons/yr) (b)	(grams/sec)
Carbon Tetrachloride					5 155E-00	5 155표.00	9 805E-12	1 86E-10
1 2-Dichlomethene					1.350H-09	1.350E-09	2 5681-12	4.86E-11
Hexachlorobenzene					2.385E-08	2.385E-08	4.536E-11	8.59E-10
Pentachlorobenzene					9.734E-09	9.734E-09	1.851E-11	3.50E-10
Tetrachlorobenzene					4.769E-09	4.769E-09	9.072E-12	1.72E-10
Trichlorobenzene					2.420E-09	2.420E-09	4.603E-12	8.71E-11
Dichlorobenzene					1.021E-09	1.021E-09	1.941E-12	3.67E-11
Biphenyl					3.976E-07	3.976E-07	7.563E-10	1.43E-08
4-Chlorobiphenyl					2.511E-10	2,511E-10	4.776E-13	9.04E-12
4,4'-Dichlorobiphenyl				,	1.265E-11	1.265E-11	2.406E-14	4.55E-13
Benzaldehyde					8.111E-08	8.111E-08	1.543E-10	2.92E-09
Benzoic Acid					3.962E-08	3.962E-08	7.537E-11	1.43E-09
Quinoine					8.905E-09	8.905E-09	1.694E-11	3.21E-10
Carbazole					1.781E-09	1.781E-09	3.388E-12	6.41E-11
Acetonitrile					3.174E-06	3.174E-06	6.038E-09	1.14E-07
Acrylonitrile					1.347E-06	1.347E-06	2.561E-09	4.85E-08
Benzonitrile					8.653E-07	8.653E-07	1.646E-09	3.12E-08
Naphthalene Carbonitrile					8.653E-07	8.653E-07	1.646E-09	3.12E-08
Pyridine					8.653E-07	8.653E-07	1.646E-09	3.12E-08

TABLE 9.5-2

OF ROCKY MOUNTAIN ARSENAL HYDRAZINE RINSEWATER ORGANIC EMISSION RATES FROM INCINERATION OF

(continued 4 of 4)

							Emission Rate	
		Thermal	Theoretical	Emission	Emission	Total	Normalized	Total
	Feed	Destruction Destruction	Destruction	Rate of	Rate of	Emission	to PCE	Emission
PICS without	Rate (a)	Efficiency	Efficiency	POHC (b)	PIC (b)	Rate (b)	at 99,99%	Rate (f)
Specific Precursors	(tons/yr)	(%) (%)	(4) (9)	(tons/yr)	(tons/yr)	(tons/yr)	(tons/yr) (b)	(grams/sec)
Benzofuran					3.958E-07	3.958E-07	7.528E-10	1.42E-08
Dibenzofuran					7.916E-09	7.916E-09	1.506E-11	2.85E-10
Acenaphthalene					3.958E-08	3.958E-08	7.528E-11	1.42E-09
Acenaphthene					3.958E-08	3.958E-08	7.528E-11	1.42E-09
Fluoranthene					7.916E-08	7.916E-08	1.506E-10	2.85E-09
Pyrene					1.583E-07	1.583E-07	3.011E-10	5.70E-09
Fluorene					7.916E-09	7.916E-09	1.506E-11	2.85E-10
Benzo(a)pyrene					7.916E-08	7.916E-08	1.506E-10	2.85E-09
Dibenzo(a)anthracene					7.916E-08	7.916E-08	1.506E-10	2.85E-09
Chrysene					7.916E-09	7.916E-09	1,506E-11	2.85E-10

⁽a) From Table 9.5-1, Sum of the Averages.

⁽b) From Dr. Dellingers'analysis. See Table 9.5-8.

⁽c) Calculated Emission Rate = Feed Rate x (1 - (99.9%/100)) or Emission Rate Normalized for PCE whichever is less.

⁽d) 99.99% or Destruction Efficiency Normilized to PCE, whichever is less.

⁽e) Assuming 7000 operating hours per year. (f) Total (unnormalized) Emission Rate was converted to grams per second, assuming 7000 operating hours per year.

TABLE 9.5-3 METALS CONCENTRATIONS IN HYDRAZINE RINSEWATER (µg/L)

Metals		1 ank U.S. 3 2	3		, ,	Tan	Tank U.S. 4 2		ဗ	7	Б П	In Ground Sump 2		. 0
Silver	, 60 ×	0.0	0.463	\	0.0		1000		60	١	, C	cc		ć
Aluminum	! ;	! !	1	/	4		17770	,	7:5	/		7 :	,	7
Arsenic	64.2	61.8	43,1		18.8		16.1		20.4		230	245		288
Boron	1		ì		}						;	ļ		1
Barium	i i	1	i i		3 3 3				!		į	•		i
Beryllium	1 2 3 3	1	;		į		1				;	;		į
Calcium	[ł	į		1		-		1			ł		ł
Cadmium	< 0.5 <	0.5	< 0.5	٧	0.5	٧	0.2	٧	0.5		0.84	0.601		1.88
Cobalt) () ()	-	ł		;				i			į		ţ
Chromium	6.18				6.62	٧	22.4		6.95		7.45	7.77		10.7
Copper	7.48 <		< 1.7	٧	1.7	٧	10	V	1.7	v	1.7 <	1.7	v	1.7
Iron	48	8.99	810000		6330		N/A		12100		974	2		1080
Mercury	0.76	0.868	0.738		0.241		0.658		0.327	v	0.2 <	0.2	v	0.2
Potassium	-) -1 -2 -1	1	ļ		1		ł		l		:	i		į
Lithium	1	ł	į				1				į	į		I I
Magnesium	3 4 1 4	į	i		}						į	i		1
Manganese	i i t	ŀ	I				i		1			i		į
Molybdenum	1 1	1	1		3 6 8				i		i	1		į
Sodium	1 1 1	ı	1		-		1				ŀ	;		ł
Nickel	1	ţ	1		***************************************		***		•		1	1		i
Phosphorus		****	į		-		1		1		i	****		ł
Lead	V In	ñ	ທ	٧	S	٧	7	٧	2	٧	ъ Л	'n	v	R
Sulfur	1 3 6 6	-	1		-		1		1		ŀ			; ;
Antimony	1 4	ł	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				ł		-		1	1		;
Selenium	< 2.5 <	2.5 <	2.5	٧	3.5	٧	2	٧	2.5	v	2.5 <	2.5	v	2.5
Silicon	1 1 1	1	i		ļ		-		i		- 1	1		i
Tin	\$ \$ \$	ł	1		1 1 1				•		ł	1 1 1		1 1 1 3
Strontium	1	1	ij				1 0 1				1	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1
Titanium	\$C.BC	e e e e e e e e e e e e e e e e e e e	1											
Thallium	***	****	1 1		1		1				;	1		
Vanadium	6 6	•	i i		1		i				1			
Yttrium	1 1 2 2 3		1				1							
Zinc	280	2777			13.4	,	20		10.7		17.2	7 10		מט
211	\; <u>.</u>				F.07	/	3		¥:71		44.3	0'47		4.Cc
Capacity, gal.	20,000	20,000	20,000		200,000	.2	200,000	23	200,000	4	40,000	40,000		40,000
Period, yrs	2	7	23		7		2		2		¢	c		c

TABLE 9.5-4 METALS FEED RATES FROM HYDRAZINE RINSEWATER (lb/hrs)

State	Metals	1	Tank U.S. 3	8	ę m l	Tank U.S. 4	e	, 1	In Ground Sump	3	Sum of the Average Maxi	Sum of the Average Maximum
tum 139E-09 138E-08 119E-08 2.48E-09 238E-09 2												
19E-66 158E-66 125E-66 192E-66 192E-	Silver	2.98E-09	2.98E-09	1.38E-08	1.19E-08	2.67E-08	1.19E-08	2,38E-09	2.38E-09	2,38E-09	2.58E-08	4.29E-08
1918-06 138E-06 128E-06 128E	Aluminum	1	7. 4 1	1	3 2 2 2			111	7 - 1 - 1	1.		•
1.00 1.00	Arsenic	1.91E-06	1,84E-06	1.28E-06	2.24E-06	1.92E-06	2.43E-06	5,48E-06	5.84E-06	6.87E-06	9.94E-06	1.12E-05
1.0 1.0	Boron	1 1 3 1	1111	1	11111	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		T 1 1 1	-24-7		*****	
In math In math <t< th=""><th>Barium</th><th>7 1 1</th><th>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</th><th>i</th><th></th><th>t</th><th></th><th>1</th><th>t 1 1 1</th><th></th><th> </th><th></th></t<>	Barium	7 1 1	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	i		t		1	t 1 1 1			
March Marc	Beryllium	:	3	ļ			•	1 1	7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4 7 4		1	1
tum 745E-09 74	Calcium	į	1	ì	****	•	:	t a t a		9444	****	-
tum 184E-07 1.56E-07 6.41E-08 7.89E-07 1.34E-06 1.78E-07 1.85E-07 2.53E-08 2	Cadmium	7.45E-09	7.45E-09	7.45E-09	2.98E-08	1.19E-08	2.98E-08	2.00E-08	1.43E-08	4.48E-08	5.77E-08	8.21E-08
138E-07 135E-08 241E-08 789E-07 134E-06 8.22E-07 178E-07 185E-07 255E-08 1.32E-08 1.32E-	Cobalt	1	1	i		2 2 3 6		i i	1		1	
123E/07 253E/08 253E/08 101E/07 566E/07 101E/07 203E/08 203E	Chromium	1:84E-07	1.56E-07	6,41E-08	7.89E-07	1.34E-06	8.29E-07	1.78E-07	1.85E-07	2.55E-07	1.32E-06	1.77E-06
y 1.44E-06 1.99E-06 2.41E-02 7.55E-04 N/A 1.44E-03 2.32E-05 1.67E-05 2.58E-09 2.32E-05 2.58E-09 2.32E-05 2.58E-09 2.38E-09 2.38E-0	Copper	2.23E-07	2.53E-08	2.53E-08	1.01E-07	5.96E-07	1.01E-07	2:03E-08	2.03E-08	2.03E-08	3.78E-07	8.39E-07
y 2.27E-08 2.59E-08 2.29E-08 2.38E-09 2.	Iron	1.43E-06	1.99E-06	2.41E-02	7.55E-04	N/A	1.44E-03	2.32E-05	1.67E-05	2.58E-05	9.17E-03	2.56E-02
In	Mercury	2.27E-08	2.59E-08	2.20E-08	2.87E-08	7.84E-08	3.90E-08	2,38E-09	2,38E-09	2,38E-09	7.46E-08	1.07E-07
1 1 1 1 1 1 1 1 1 1	Potassium	14 1	7 4 1	ļ		-	l	11 11 11	1+1+	1	1	1
Interest	Lithium	1	1 1 1		****		1	() ()		-		£ 5 5 5
1 1 1 1 1 1 1 1 1 1	Magnesium	1 1 1) 1 1 1	1	3 9 9 9	1	1	l i i	† 1 1	1		-
lenum ————————————————————————————————————	Manganese		1	ł		3 3 3	1	1	1 2 1			
norus — <th>Molybdenum</th> <th>1111</th> <th>ļ</th> <th>1 1 1 1</th> <th>1</th> <th>1</th> <th>1</th> <th>; 1 1</th> <th>1</th> <th>1</th> <th>2</th> <th>-</th>	Molybdenum	1111	ļ	1 1 1 1	1	1	1	; 1 1	1	1	2	-
orus —	Sodium	I	1127	l			1	t 8 6 7	1	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2 2 2 2 2
ny 7.45E-08 7.45E-08 7.45E-08 7.45E-08 7.56E-08 5.96E-08 5.96E-08 5.96E-08 3.73E-09 3	Nickel		† 1 1	ŧ	-	•	***	1 1 1	4 1 1	1		***************************************
ny ————————————————————————————————————	L'hosphorus	-	-	1	****				4,000	ŀ	1	1
my 3.73E-08 3.73E-08 3.73E-08 2.09E-07 1.19E-07 1.49E-07 2.98E-08 2	Lead	7.45E-08	7.45E-08	7.45E-08	2.98E-07	1.19E-07	2.98E-07	5.96E-08	5.96E-08	5.96E-08	3.73E-07	4.32E-07
my ————————————————————————————————————	Sultur		1	1		-	-	1	1	-		
m 3.73E-08 3.73E-08 3.73E-08 3.73E-08 3.73E-08 2.98E-08 2.09E-07 2.98E-08 2.99E-08 2	Antimony	: :	• • •	i			1	7.77	11111	ļ	1	İ
Imm Imm <th>Selenium</th> <th>3,73E-08</th> <th>3,73E-08</th> <th>3.73E-08</th> <th>2.09E-07</th> <th>1.19E-07</th> <th>1.49E-07</th> <th>2.98E-08</th> <th>2,98E-08</th> <th>2,98E-08</th> <th>2.26E-07</th> <th>2.76E-07</th>	Selenium	3,73E-08	3,73E-08	3.73E-08	2.09E-07	1.19E-07	1.49E-07	2.98E-08	2,98E-08	2,98E-08	2.26E-07	2.76E-07
titum intum interval into interval into interval into interval into interval interval into interval into interval into interval interval into interval into interval int	Silicon	i i	;	1	ne an en en	****		111111111111111111111111111111111111111	1	‡		-
trium ————————————————————————————————————	ui.i	1) 	•		1 1 1	1	6 9 5 3	1	-	-	!
lum lum dium lum lum lum lum lum lum lum lum lum l	Strontium	1 + 1 +	i 1 1	1 1	-		1	1	† 1 1 1	ļ		-
dium ————————————————————————————————————	Titanium	1	t 3 1	1	:	t	1	1		and section and		•
dium ————————————————————————————————————	Thallium	: :	1 + 7 + 1	1 1 1	3 8 9 5	-	i	1 1 1		ļ		1
Im	Vanadium	1 1 1	\$ 1 2	l		* * * * * * * * * * * * * * * * * * * *		1	-		1	1
8.61E-07 8.26E-07 2.98E-08 1.60E-06 1.19E-06 1.48E-06 1.01E-06 5.87E-07 1.32E-06 2.97E-06	Yttrium	1 1 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	: : :	i		-	-	1	****	ţ	•	1
	Zinc	8.61E-07	8.26E-07	2.98E-08	1.60E-06	1.19E-06	1.48E-06	1,01E-06	5.87E-07	1,32E-06	2.97E-06	3.78E-06

TABLE 9.5-5 EXPECTED METAL EMISSIONS BASED ON MEASURED CONCENTRATIONS IN HYDRAZINE RINSEWATER

		Based on Wast			
Metals	Feed Rates (1, (lb/hr)	Metals to APCD (2) (%)	Removal Efficiency (%)	(3)	Controlled Emissions (4) (lb/hr)
Aluminum	NA	100	07	(5)	NA
	NA NA	100	97	(3)	NA NA
Antimony Arsenic	9.94E-06	100	97		2.98E-07
	- II- 122 00				
Barium	NA	100	99.4		NA
Beryllium	NA	100	99.4	(7)	NA
Boron	NA	100		(7)	NA
Cadmium	5.77E-08	100	97	101	1.73E-09
Calcium	NA 1 00F 06	100		(6)	NA FOFF 00
Chromium	1.32E-06	100	99.4	(=)	7.95E-09
Cobalt	NA	100	97	(5)	NA
Copper	3.78E-07	100	97	(5)	1.13E-08
Iron	9.17E-03	100		(5)	2.75E-04
Lead	3.73E-07	100	97		1.12E-08
Lithium	NA	100	NA		NA
Magnesium	NA	100		(5)	NA
Manganese	NA	100	97	(5)	NA
Mercury	7.46E-08	100	85		1.12E-08
Molybdenum	NA	100	85	(5)	NA
Nickel	NA	100	97	(5)	NA
Potassium	NA	100	97	(6)	NA
Selenium	2.26E-07	100	85	(5)	3.39E-08
Silicon	NA	100	NA		NA
Silver	2.58E-08	100	99.4		1.55E-10
Sodium	NA	100	97	(8)	NA
Strontium	NA	100		(7)	NA
Thallium	NA	100	97		NA
Tin	NA	100	97	(6)	NA
Titanium	NA	100	97	(5)	NA
Vanadium	NA	100	97	(5)	NA
Yttrium	NA	100	97	(7)	NA
Zinc	2.97E-06	100	97	(5)	8.90E-08

- (1) Based upon the average concentrations measured in each of three hydrazine watewater sources.
- (2) Percent of metal volatilization is estimated at 100% for all metals in liquid waste based on EPA Guidance on Metals and HCl Controls from Hazardous Waste Incineration, Draft Final Report, August 1989, Table III-9.
- (3) Based on EPA Guidance (note 2), Table III-8. The removal efficiency of the wet scrubber in series with the Venturi scrubber at 20" of water was calculated. This removal efficiency was used in series with the removal efficiency of the Venturi scrubber at 60" of water.
- (4) Controlled Emissions = Uncontrolled Emissions x % Metals to APCD x (1- % Removal Efficiency)
- (5) Assumed removal efficiency of antimony, arsenic, cadmium, lead and thallium or of mercury per footnote (3), based on scrubber efficiency similar to those compounds in "Hazardous Waste Stream Trace Metal Concentrations and Emissions", Mitre Corp., U.S.EPA Office of Solid Waste, November 1983.
- (6) Similar to copper, cobalt and titanium in showing no concentration with particle size per Davision, Natusch, et al. "Trace Elements in Fly Ash", Environmental Science & Technology, Vol. 8, No. 13, December 1974. Therefore, assumed scrubber efficiency similar.
- (7) Similar emissions to feed ratio to that of iron and aluminum per Kaakinen, Jorden, et al., "Trace Element Behavior in Coal-Fired Power Plant", Environmental Science & Technology, Vol. 9, No. 9, September 1975. Therefore, assumed scrubber efficiency similar.
- (8) Similar control efficiency to that of calcium, iron and potassium per Klein, Andren, et al., "Pathways of Thirty-seven Trace Elements Through Coal-Fired Power Plant", Environmental Science & Technology, Vol. 9, No. 10, October 1975. Therefore, assumed scrubber efficiency similar.

TABLE 9.5-6 MAXIMUM METAL EMISSIONS BASED ON MEASURED CONCENTRATIONS IN HYDRAZINE RINSEWATER

	Feed	Metals to	Removal		Controlled
Metals			(2) Efficiency (%)	(3)	Emissions (4) (lb/hr)
Aluminum	NA	100	97	(5)	NA
Antimony	NA	100	97		NA
Arsenic	1.12E-05	100	97		3.36E-07
Barium	NA	100	99.4		NA
Beryllium	NA	100	99.4		NA
Boron	NA	100	97	(7)	NA
Cadmium	8.21E-08	100	97		2.46E-09
Calcium	NA	100	97	(6)	NA
Chromium	1.77E-06	100	99.4		1.06E-08
Cobalt	NA	100	97	(5)	NA
Copper	8.39E-07	100	97		2.52E-08
Iron	2.56E-02	100	97	(5)	7.68E-04
Lead	4.32E-07	100	97		1.30E-08
Lithium	NA	100	NA		NA
Magnesium	NA	100	97	(5)	NA
Manganese	NA	100	97	(5)	NA
Mercury	1.07E-07	100	85		1.60E-08
Molybdenum	NA	100	85	(5)	NA
Nickel	NA	100	97	(5)	NA
Potassium	NA	100	97	(6)	NA
Selenium	2.76E-07	100	85	(5)	4.14E-08
Silicon	NA	100	NA		NA
Silver	4.29E-08	100	99.4		2.57E-10
Sodium	NA	100	97	(8)	NA
Strontium	NA	100	97	(7)	NA
Thallium	NA	100	97		NA
Tin	NA	100	97	(6)	NA
Titanium	NA	100	97	(5)	NA
Vanadium	NA	100	97	(5)	NA
Yttrium	NA	100	97	(7)	NA
Zinc	3.78E-06	100	97	(5)	1.13E-07

- (1) Based upon the maximum concentrations measured in each of three hydrazine watewater sources.
- (2) Percent of metal volatilization is estimated at 100% for all metals in liquid waste based on EPA Guidance on Metals and HCl Controls from Hazardous Waste Incineration, Draft Final Report, August 1989, Table III-9.
- (3) Based on EPA Guidance (note 2), Table III-8. The removal efficiency of the wet scrubber in series with the Venturi scrubber at 20" of water was calculated. This removal efficiency was used in series with the removal efficiency of the Venturi scrubber at 60" of water.
- (4) Controlled Emissions = Uncontrolled Emissions x % Metals to APCD x (1- % Removal Efficiency)
- (5) Assumed removal efficiency of antimony, arsenic, cadmium, lead and thallium or of mercury per footnote (3), based on scrubber efficiency similar to those compounds in "Hazardous Waste Stream Trace Metal Concentrations and Emissions", Mitre Corp., U.S.EPA Office of Solid Waste, November 1983.
- (6) Similar to copper, cobalt and titanium in showing no concentration with particle size per Davision, Natusch, et al. "Trace Elements in Fly Ash", Environmental Science & Technology, Vol. 8, No. 13, December 1974. Therefore, assumed scrubber efficiency similar.
- (7) Similar emissions to feed ratio to that of iron and aluminum per Kaakinen, Jorden, et al., "Trace Element Behavior in Coal-Fired Power Plant", Environmental Science & Technology, Vol. 9, No. 9, September 1975. Therefore, assumed scrubber efficiency similar.
- (8) Similar control efficiency to that of calcium, iron and potassium per Klein, Andren, et al., "Pathways of Thirty-seven Trace Elements Through Coal-Fired Power Plant", Environmental Science & Technology, Vol. 9, No. 10, October 1975. Therefore, assumed scrubber efficiency similar.

TABLE 9.5-7 EMISSION RATES FOR ROCKY MOUNTAIN ARSENAL HYDRAZINE RINSEWATER SUBMERGED QUENCH INCINERATOR

		Base Case (a)			ensitivity Case (b	
Pollutant	(ton/yr)	(lb/hr)	(g/sec) (c)	(ton/yr)	(lb/hr)	(g/sec) (c)
<u>Metals</u>	374	374	NTA	374	NT A	NTA
Aluminum	NA	NA	NA	NA	NA	NA
Antimony	NA	NA	NA 2 To To 20	NA	NA 0.00E.05	NA
Arsenic	1.04E-06	2.98E-07	3.76E-08	1.18E-06	3.36E-07	4.24E-08
Barium	NA	NA	NA	NA	NA	NA
Beryllium	NA	NA	NA	NA	NA	NA
Boron	NA	NA	NA	NA	NA	NA
Cadmium	6.06E-09	1.73E-09	2.18E-10	8.62E-09	2.46E-09	3.10E-10
Calcium	NA	NA	NA	NA	NA	NA
Chromium	2.78E-08	7.95E-09	1.00E-09	3.73E-08	1.06E-08	1.34E-09
Cobalt	NA	NA	NA	NA	NA	NA
Copper	3.97E-08	1.13E-08	1.43E-09	8.81E-08	2.52E-08	3.17E-09
Iron	9.63E-04	2.75E-04	3.47E-05	2.69E-03	7.68E-04	9.68E-05
Lead	3.91E-08	1.12E-08	1.41E-09	4.54E-08	1.30E-08	1.63E-09
Lithium	NA	NA	NA	NA	NA	NA
Magnesium	NA	NA	NA	NA	NA	NA
Manganese	NA	NA	NA	NA	NA	NA
Mercury	3.92E-08	1.12E-08	1.41E-09	5.60E-08	1.60E-08	2.02E-09
Molybdenum	NA	NA	NA	NA	NA	NA
Nickel	NA	NA	NA	NA	NA	NA
Potassium	NA	NA	NA	NA	NA	NA
Selenium	1.19E-07	3.39E-08	4.27E-09	1.45E-07	4.14E-08	5.21E-09
Silicon	NA	NA	NA	NA	NA	NA
Silver	5.42E-10	1.55E-10	1.95E-11	9.00E-10	2.57E-10	3.24E-11
Sodium	NA	NA	NA	NA	NA	NA
Strontium	NA	NA	NA	NA	NA	NA
Thallium	NA ·	NA	NA	NA	NA	NA
Tin	NA	NA	NA	NA NA	NA	NA
Titanium	NA NA	NA	NA	NA NA	NA	NA
Vanadium	NA	NA	NA	NA NA	NA	NA
	NA NA	NA	NA	NA NA	NA	NA
Yttrium Zinc	3.12E-07	8.90E-08	1.12E-08	3.97E-07	1.13E-07	1.43E-08
Zific	3.12E-0/	0.502-00	1.12E-00	3.57E-07	1.132-07	1.452-00
Organics						
1,1-Dichloroethane	2.92E-09	8.34E-10	1.05E-10			
1,1-Dichloroethene	1.56E-09	4.46E-10	5.62E-11	,		
1,2-Dichloroethane	9.11E-10	2.60E-10	3.28E-11			
1,2-Dichloropropane	5.79E-10	1.65E-10	2.08E-11			
Acetone	3.50E-09	1.00E-09	1.26E-10			
Benzene	1.02E-09	2.91E-10	3.67E-11			
Chlorobenzene	2.45E-10	7.00E-11	8.82E-12			
Chloroethane	8.99E-09	2.57E-09	3.24E-10			
Chloroform	4.38E-08	1.25E-08	1.58E-09			
Chloromethane	1.21E-09	3.46E-10	4.36E-11			
Dimethyl Disulfide	2.48E-09	7.09E-10	8.93E-11			
Methylethyl ketone	1.53E-09	4.37E-10	5.51E-11			
Methylene Chloride	7.31E-08	2.09E-08	2.63E-09			
Tetrachloroethene (PCE)	1.67E-10	4.77E-11	6.01E-12			
Toluene	2.66E-09	7.60E-10	9.58E-11			
Trichloroethene	1.78E-09	5.09E-10	6.41E-11			
	1.70E-09	3.14E-10	3.96E-11			
Vinyl acetate		2.91E-10	3.67E-11			
Vinyl chloride	1.02E-09					
o,p-Xylene (total)	1.90E-10	5.43E-11	6.84E-12			
Aniline	1.78E-07	5.09E-08	6.41E-09	1		

TABLE 9.5-7 EMISSION RATES FOR ROCKY MOUNTAIN ARSENAL HYDRAZINE RINSEWATER SUBMERGED QUENCH INCINERATOR (continued)

		Base Case (a)			Sensitivity Case	
Pollutant	(ton/yr)	(lb/hr)	(g/sec) (c)	(ton/yr)	(lb/hr)	(g/sec) (c)
Organics						
Atrazine	1.10E-09	3.14E-10	3.96E-11			
Benzothiazole	3.69E-10	1.05E-10	1.33E-11			
4-Chloroaniline	1.02E-10	2.91E-11	3.67E-12			
Malathion	1.24E-11	3.54E-12	4.46E-13			
4-Methylphenol	1.39E-09	3.97E-10	5.00E-11			
Naphthalene	1.64E-10	4.69E-11	5.90E-12			
Parathion	1.96E-11	5.60E-12	7.06E-13			
Phenanthrene	3.08E-11	8.79E-12	1.11E-12			
Phenol	1.56E-10	4.44E-11	5.60E-12			
Vapona	7.74E-11	2.21E-11	2.79E-12			
bis(2-Ethylhexyl)phthalate	2.18E-10	6.23E-11	7.85E-12			
Hydrazine	3.07E-05	8.77E-06	1.11E-06			
Monomethyl hydrazine	9.72E-06	2.78E-06	3.50E-07			
Unsymmetrical dimethyl hydrazine	3.84E-05	1.10E-05	1.38E-06			
n-Nitrosodimethylamine	9.88E-09	2.82E-09	3.56E-10			
Aldrin	4.91E-12	1.40E-12	1.77E-13			
Dieldrin	9.02E-12	2.58E-12	3.25E-13			
Lindane	4.19E-12	1.20E-12	1.51E-13			
ICs with Specific Precursors						
Carbon Tetrachloride	5.15E-09	1.47E-09	1.86E-10			
1,2-Dichloroethene	1.35E-09	3.86E-10	4.86E-11			
Hexachlorobenzene	2.38E-08	6.81E-09	8.59E-10			
Pentachlorobenzene	9.73E-09	2.78E-09	3.50E-10			
Tetrachlorobenzene	4.77E-09	1.36E-09	1.72E-10			
Trichlorobenzene	2.42E-09	6.91E-10	8.71E-11			
Dichlorobenzene	1.02E-09	2.92E-10	3.67E-11			
Biphenyl	3.98E-07	1.14E-07	1.43E-08			
4-Chlorobiphenyl	2.51E-10	7.17E-11	9.04E-12			
4,4'-Dichlorobiphenyl	1.27E-11	3.61E-12	4.55E-13			
Benzaldehyde	8.11E-08	2.32E-08	2.92E-09			
Benzoic Acid	3.96E-08	1.13E-08	1.43E-09			
Quinoine	8.91E-09	2.54E-09	3.21E-10			
Carbazole	1.78E-09	5.09E-10	6.41E-11			
Acetonitrile	3.17E-06	9.07E-07	1.14E-07		•	
Acrylonitrile	1.35E-06	3.85E-07	4.85E-08			
Benzonitrile	8.65E-07	2.47E-07	4.83E-08 3.12E-08			
Naphthalene Carbonitrile	8.65E-07					
Pyridine Carbonitrile	8.65E-07	2.47E-07 2.47E-07	3.12E-08 3.12E-08			
ICs without Specific Precursors						
Benzofuran	3.96E-07	1.13E-07	1.42E-08			
Dibenzofuran	7.92E-09	2.26E-09	2.85E-10			
Acenaphthalene	3.96E-08	1.13E-08	1.42E-09			
Acenaphthene	3.96E-08	1.13E-08	1.42E-09			
Fluoranthene	7.92E-08	2.26E-08	2.85E-09			
Pyrene	1.58E-07	4.52E-08	5.70E-09			
Fluorene	7.92E-09	2.26E-09	2.85E-10			
Benzo(a)pyrene	7.92E-08	2.26E-08	2.85E-09			
Dibenzo(a)anthracene	7.92E-08	2.26E-08	2.85E-09			
Chrysene	7.92E-09	2.26E-09	2.85E-10			

⁽a) Based upon the average concentrations from measured in each of three hydrazine watewater sources.(b) Based upon the maximum concentrations from measured in each of three hydrazine watewater sources.(c) Assuming 7000 hours of operation per year.

Basin F Emissions

	Å	8	C	D	E
1			Feed Rate		Theoretical DE
2	#	Compound	(tons/yr)	DE (Thermal)	at 900 C (%)
3			********************************		
4	1	1,1-Dichloroethane	2.92E-05	r) 	A ************************************
5	2	1,1-Dichloroethene	1.56E-05		*************
6	3	1,2-Dichloroethane	9.11E-06	·	3
7	4	1,2-Dichloropropane .	5.79E-06		
8	5	Acetone	3.50E-05	G	·
9	6	Benzene	1.02E-05		****************
10	7	Chlorobenzene	2.45E-06	C	
11	8	Chloroethane	8.99E-05		******************************
12	ģ	Chloroform	4.38E-04	99.99	99,9999
13	ĬŪ	Chloromethane	1.21E-05		
14.	11	Dimethyl Sulfide	2.48E-05	A	
15	12	Methyl Ethyl Ketone	1.53E-05	99,99	99,9999
16	13	Methylene Chioride	7.31E-04	99.99	99.9999
17	14	Tetrachloroethene	1.67E-06	99.90	99.9990
18	15	:Toluene	2.66E-05	99.32	99.9932
19	16	Trichloroethene	1.78E-05	99.95	99.9995
20	17	Yinyl Acetate	1.10E-05	99.99	90,0000
21	18	:Yiny) Chloride	1.02E-05	99.99	
22	19	o,p-Xylene (Total)	1.90E-06	\	
23	20	[Aniline	1.78E-03	94.60	99.9460
24	21	Atrazine	1.10E-05		
25	22	Benzothiazole	3.69E-06		99.9999
26	23	4-Chloroaniline	1.02E-06		99.9981
27	24	Malathion	1.24E-07		*****************
28	25	4-Methylphenol	1.39E-05		
29	26	Naphthalene	1.64E-06	******************	
30	27	Parathion	1.96E-07		
31	28	Phenol	6.92E-07		
32		Vapona	7.74E-07	*************************	*************
33	30	bis (2-Ethylhexyl)phthalate	2.18E-06		
34	31	Hydrazine	3.07E-01	······································	
35	32	Monomethyldydrazine	9.72E-02		**************************
36	33	Unsymmetrical dimethyl hydrazine	3.84E-01	99.99	
37	34	n-Nitrosodimethylamine	9.68E-05		
38	35	Aldrin	4.91E-08		
39	36	Dieldrin	9.02E-08		
4ũ	37	Lindane	4.19E-08		
41	38	Phenanthrene	2.83E-07	88.00	99.8800

Basin F Emissions

(continued)

	Á	В	C	D	E
42					
43		PICS With Specific Precursors		***************************************	**************************************
44		Carbon Tetrachloride			\$
45		1,2 Dichloroethene		r 400 4 4 10 14 14 14 1 4 14 14 14 14 14 14 14 14 14 14 14 14 14	• ************************************
46		: Hexachtorobenzene		***************************************	****************
47		Pentachlorobenzene		***************************************	***************************************
48		Tetrachlorobenzene		***************************************	
49		Trichlorobenzene		***************************************	***************************************
50		Dichlorobenzene			
51		:Bipheny)		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
52		4-Chlorobiphenyl		*************************	***************************************
53	***********	4,4'-Dichlorobiphenyl			****************************
54	******	: Benzaldehyde			
55	***********	Benzoic Acid		***************************************	*************************
56	***********	Quinoline			
57		Carbazole		***************************************	************************************
58		Acetonitrile	***************************************	***************************************	*******************************
59	***********	Acrylonitrile			
60		Benzonitrile		***************************************	
61		Naphthalene Carbonitrile		******************************	
62		Pyridine			
63					
64		PICS WITHOUT SPECIFIC PRECURSORS			***************************************
65	***********	Benzofuran			******************************
66	***********	Dibenzofuran		**************************************	
67		Acenaphthalene			
68		Acenaphthene			*****************
69	***********	Fluoranthene			
70		Pyrene			
71		Fluorene			
72		Benzo-laj-pyrene		•	***********************
73		Dibenzo-[a]-anthracene			
74	**********	Chrysene			0 h d n a m h a a a a a a a a a a a a a a a a a a

Basin F Emissions (continued)

	F	G	Н	
1	Emission Rate	Emission Rate	Emission Rate as	Effective Theoretical
2	of POHC (tons/yr)	as PIC (tons/yr)	POHC and PIC (tons/yr)	DE at 900C (%)
3		***************************************	T	7.1 M 1.1 7.4 M 100 7.5 0.5 3.5 3.5 3.5 0.5 17 0.000 7.5 3.0 2.0 2.0 2.0 3.5 4.0 2.0 4.0 4.0 4.0 2.0 2.0 2.0 2
4	2.920E-11	0.000E+00	2.920E-11	99.9999
5	1.560E-11	1.791E-09	1.807E-09	99.9884
б	9.110E-12	7.310E-10	7.401E-10	99.9919
7	5.790E-12	0.000E+00	5.790E-12	99,9999
8	3.500E-11	0.000E+00	3.500E-11	99.9999
9	4.998E-08	8.848E-08	1.385E-07	98.6425
10	2.450E-09	4.137E-10	2.864E-09	99.8831
ii	8.990E-11	0.000E+00	8.990E-11	99.9999
12	4.380E-10		4.380E-10	99,9999
13	4.840E-09	7.916E-08	8.400E-08	99.3058
14	2.480E-11	0.000E+00	2.480E-11	99.9999
15	1.530E-11	0.000E+00	1.530E-11	99.9999
ló	7.310E-10	2.225E-09	2.956E-09	99.9996
17	1.670E-11	8.778E-08	8.780E-08	94.7426
18	1.809E-09	3.666E-09	5.475E-09	99.9794
19	8.900E-11	1.390E-08	1.399E-08	99.9214
20	1.100E-11	0.000E+00	1.100E-11	99.9999
21	1.020E-11	4.932E-08	4.933E-08	99.5164
22	1.900E-12	7.943E-09	7.945E-09	99.5819
23	9.612E-07	5.100E-11	9.613E-07	99.9460
24	1.100E-11	0.000E+00	1.100E-11	99.9999
25	3.690E-12	0.000E+00	3.690E-12	99.9999
26	1.938E-11	1.780E-09	1.799E-09	99.8236
27	1.240E-13	0.000E+00	1.240E-13	99 .9999
28	1.390E-11	2.868E-11	4.258E-11	99.9997
29	2.624E-09	3.997E-08	4.259E-08	97.4029
30	1.960E-13	0.000E+00	1.960E-13	99.9999
31	6 920E-13	8.177E-08	8.177E-08	88.1833
32	7.740E-13	0.000E+00	7.740E-13	99.9999
33	2.180E-12	0.000E+00	······································	99,9999
34	3.070E-07	0.000E+00	3.070E-07	99.9999
35	9.720E-08	0.000E+00	9.720E-08	99.9999
36	3.840E-07	0.000E+00	3.840E-07	99.9999
37	9.880E-11	0.000E+00	9.880E-11	99,9999
38	4.910E-14	0.000E+00	4.910E-14	99.9999
39	9.020E-14	0.000E+00	9.020E-14	99.9999
40	4.190E-14	0.000E+00	4.190E-14	99.9999
41	3.396E-10	1.583E-08	1.617E-08	94.2856

Basin F Emissions

(continued)

	F	G	Н	
42				
43				***************************************
44	***************************************	5.155E-09	5.155E-09	
45		1.350E-09	1.350E-09	+00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
46	1 000 1/00 0/0 1/00/100 0 100 0 100 0 144 0 100 0 14	2.365E-08	2.385E-08	# 6 PQ + 2007 A F 2 C 7 PQ 1 C 2 S C S S S S C C C C C C C C C C C C
47	************************************	9.734E-09	9.734E-09	***************************************
48		4.769E-09	4.769E-09	
49		2.420E-09	2.420E-09	***************************************
50		1.021E-09	1.021E-09	***************************************
51		3.976E-07	3.976E-07	
52		2.511E-10	2.511E-10	0.000.07.W.P40.07.00.00.07.00.07.04.07.07.07.07.07.07.07.07.07.07.07.07.07.
53		1.265E-11	1.265E-11	
54		8.111E-08	8.111E-08	
55		3.962E-08	3.962E-08	***************************************
56	**************************************	8.905E-09	8.905E-09	**************************************
57		1.781E-09	1.781E-09	***************************************
58	***************************************	3.174E-06	3.174E-06) bo 4 yu u quu u qua a <u>1863 189 a û banin</u> u 3 ya 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
59		1.347E-06	1.347E-06	60.000 + 00-0 +0+0+0+0+0+0+0+0+0+0+0+0+0+0+0+0+0+
60		8.653E-07	8.653E-07	
61		8.653E-07	8.653E-07	********************************
62		8.653E-07	8.653E-07	
63	***************************************			***************************************
64				
65	~~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	3.958E-07	3.958E-07	
66		7.916E-09	7.916E-09	
67		3.958E-08	3.958E-08	***************************************
66		3.958E-08	3.958E-08	
69	***************************************	7.916E-08	7.916E-08	***************************************
70		1.583E-08	1.583E-08	
71		7.916E-09	7.916E-09	
72	************************	7.916E-08	7.916E-08	***************************************
73	··•···································	7.916E-08	7.916E-08	
74		7.916E-09	7.916E-09	

Basin F Emissions

(continued)

	j	K
1	Normalized Emission	
2	Rate (tons /yr)	(%)
3		
4	5.554E-14	
5	3.436E-12	
6	1.408E-12	100.0000
7	1.101E-14	
8	6.657E-14	
9	2.634E-10	
11)	5.447E-12	99.9998
11	1.710E-13	100.0000
12	8.331E-13	100.0000
13	1.598E-10	********************************
14	4.717E-14	
15	2.910E-14	
1 ő	5.623E-12	100.0000
17	1.670E-10	99.9900
18	1.041E-11	100.0000
19	2.661 E- 11	99.9999
20	2.092E-14	100.0000
21	9.383E-11	99.9991
22	1.511E-11	99.9992
23	1.828E-09	
24	Z.09ZE-14	* *************************
25	7.019E~15	100.0000
26	3.423E-12	99.9997
27	2.359E-16	
28	8.098E-14	***************************************
29	8.101E-11	99.9951
30	3.728E-16	100.0000
31	1.555E-10	99.9775
32	1.472E-15	100.0000
33	4.147E-15	100.0000
34	5.839E-10	100.0000
35	1.849E-10	
36	7.304E-10	100.0000
37	1.879E-13	100.0000
38	9.339E-17	100.0000
39	1.716E-16	
40	7.970E-17	
41	3.076E-11	99.9891

Table 9.5-8

Basin F Emissions (continued)

	i j	K
42		
43	**************************************	***************************************
44	9.805E-12	***************************************
45	2.568E-12	
46	4.536E-11	***************************************
47	1.8516-11	***************************************
48	9.072E-12	**************************************
49	4.603E-12	
50	1.941E-12	
51	7.564E-10	****************************
52	4.776E-13	9 FT A A Y 9 FT B B B B B B B B B B B B B B B B B B
53	2.406E-14	
54	1.543E-10	***************************************
55	7.537E-11	********************
56	1.694E-11	**************
57	3.388E-12	
58	6.038E-09	
59	2.561E-09	
60	1.646E-09	**************************************
61	1.646E-09	***********************
62 63	1.646E-Ū9	***************************************
64		
65 55	7 5 7 0 5 1 1	***************************************
66	7.528E-10 1.506E-11	
67	7.528E-11	***************************************
68	7.528E-11	******************************
69	1.506E-10	*****
70	3.011E-11	***********************
71	1.506E-11	***************************************
72	1 506E-10	
73	1.506E-10	******************************
74	1.506E-11	

Basin F Emissions (continued)

Footnotes to table - Estimate of Organic Emissions

- B,C. Compounds and feed rate furnished by R.F. Weston
- D. Based on actual laboratory generated experimental thermal decomposition data or extrapolated based on theory. DE (Thermal) is the destruction efficiency at 900 C achieved under laboratory non-flame conditions in a pyrolytic atmosphere
- E. Based on the assumption that 99% of each POHC passes through the flame and is completely destroyed. The DE of the remaining 1% which is destroyed in the post-flame zone is assumed to be equal to DE (Thermal) Theoretical DE at 900C= 99.0000+0.01*DE(Thermal)
- F. Emission Rate of POHC=Feed Rate*(1-Theoretical DE at 900C/100)
- Emission Rate as PIC is based on the data included in the PIC estimate tables. The formation of each POHC as a PIC from every other POHC has been estimated. Also the contribution to PIC formation of poorly characterized reactions involving the waste feed as a whole have been included. Emission rates of other PICs have also been included at the bottom of the table.
- H. Emission Rate as POHC and PIC= Emission Rate POHC+Emission Rate PIC
- Effective Theoretical DE of POHC=100*(1-Emission Rate as POHC and PIC/Feed Rate)
- J. Assumes that the incinerator achieves 99.99% DRE for tetrachloroethene which is a likely POHC selection. Phenol and phenanthrene had a slightly lower predicted relative DREs due to their very low feed rate and propensity for PIC formation. However, these compounds would not be recommended for POHC trial burn selection because of their possible formation as a PIC from fuel combustion and other poorly characterized sources in the waste feed. Furthermore selection of tetrachloroethene (as opposed to phenol or phenanthrene) which has a higher un-normalized DE, results in a higher predicted emission rate for all the compounds after normalization. Thus selection of tetrachloroethene as the POHC for normalization represents a conservative, worst case approach to the risk assessment. Normalized Emission Rate=Emission as POHC and PIC*(0.0001/0.052574)
- K. Normalized DE=100*(1-Normalized Emission Rate as POHC and PIC/ Feed Rate)

_		Food Doto		7 7 7 70		
T		במבר צפים				
7	Farent POAC	(1018/dr)	***************************************			
			Dichloroe 1,1-Dich	nlorge 1,2-Dichlorge	1,2-DichloropAcetone	etone
প্ত	1 1,1-Dichloroethane	2.92E-0				
L)	-	1.56E-0			0	
9	5 1,2-Dichloroethane	9.11E-0				
2	-	5.79E-0				***************************************
	-=I	3.50E-	•		77	***************************************
	*****	1.02E-0				
10		2.45E-0	•			
	Ω	8.99E-0		•		***************************************
	ပ	4.38E-0	2.000	E-04		***************************************
м	•	1.21				
	2	2.48E-0				
5	··	1.53E-0				
_		7.31E-0	1.000	9		
		1.67E-0	1.000€	40	4	
		2.66E-0				
		1.78E-0	1,000	E-03		
20		1.10E-0				100.101.410.440.110.110.110
		1.02E-0				
	9 o.p-Xylene (Total)	1.90E-				
7	20 Aniline	1.78E-0			•	
-	21 Atrazine	1.10E-0				
-	2 Benzothiazole	5.69E-0				
-	3 4-Chloroaniline	1.02E-0				***************************************
i	24 Malathion	1.246-0			•••••••••••••••••••••••••••••••••••••••	
	25 4-Methylphenol	396-0				
-	e Naphthalene	1.64E-0			•	
_	27 Parathion	1.96E-0	3000-1	-03		
-		6.92E-0			• • • • • • • • • • • • • • • • • • • •	7661743417417417414444444444444444444444
		7.74E-0				***************************************
		2.18E-0				
	Hydrazine	3.07E-0				
-	Monomethyldydrazi	9.72E-0		***************************************		
36 3		3.34E-0				
-		9.68E-0				***************************************
i		4.91E-0	1.00			•
-	36 Dieldrin	9.02E-	2.000	E-03		
-	Lindar	4.19E-0				
- (c	Phenanth	2.83E-0	9			
7	Total Organic Feed Rate	7.926-01				
_	Total MC Emission Pate (1/11)		.000E+00 1.791E	-09 7310F-10		

			And the second s	THE RESIDENCE AND ADDRESS OF THE PERSON OF T	7	1	
T		Feed Rate			PIC Yield (窓		
4	* Parent POHC	·	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
اح			1,1-Dichloroe	1,1-Dichlorae	1,2-Dichlorae	1.2-Dichlorog	rogAcetone
ক	-	2.92E-0		中で、「日本の「マラー」、本のの「日本の「マラー」では、「日本の「マラー」では、「日本の「マラー」では、「日本の「日本の」では、「日本の「日本の」では、「日本の「日本の」では、「日本の「日本の」では、「日本の「日本の」では、「日本の「日本の」では、「日本の「日本の」では、「日本の「日本の」では、「日本の「日本の」では、「日本の「日本の」では、「日本の「日本の」では、「日本の」では、「日本の」では、「日本の」では、「日本の「日本の」では、「日本の」では、「日本の」では、「日本の」では、「日本の			
ID.		1.56E-0					***************************************
9	*****	9.11E-C					
	-	5.79E-C					
	-=I	3.50E-C					
		1.02E-0				•	***************************************
		2.45E-C					
		8.99E-C					***************************************
		4.38E-C		2.000E-04			
	10 Chloromethane	1.21E-C					
	1 Dimethyl Sulfide	2.48E-C			•		
	I 2 Methyl Ethyl Ketone	1.53E-C					
	3 Methylene Chloride	7.31E-0		9	1.000E-04		
	4 Tetrachloroethene	1.67E-0		1.000E-04		4	***************************************
	5 Toluene	2.66E-0	7	:			
	l6 Trichloroethene	1.78E-0		1.000E-03			
	7 Vinyl Acetate	1.10E-0					
	8 Vinyl Chloride	1.02E-0					
_	9 o.p-Xylene (Total)	1.906-0					
3	20 Aniline	1.78E-0					
	1 Atrazine	1.10E-0					
-1	2 Benzothiazole	3.69E-0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				
_	3 4-Chloroaniline	1.02E-0					
7		1.24E-0					•••••••••••••••••••••••••••••••••••••••
-		1.396-0					
		1.64E-0		•			
		1.96E-0	•	1.000E-03			
		6.92E-0					
	• • • • • • • • • • • • • • • • • • • •	7.74E-0			***************************************		
		2.18E-0				•	
-		3.076-0					
	Monomethyldydrazi	9.726-0		***************************************			•
6		3.845-0					
		9.88E-0					***************************************
	Aldrin	4.91E-0					
9	Dieldri	9.02E-0		2.000E-03			
	Lindane	4.19E-0					
-	38 Phenanthrene	2.83					***************************************
	Total Organic Feat Rate	7.92E-0	•				
_	· · · · · · · · · · · · · · · · · · ·				C LC IN C		***************************************

Tetrachloreeth Toluene Trichloroether Vingl Acetste Nn 2 0006-04 2 0006-03 1 0006-03 1 0006-03 1 0006-03 2 0006-04 2 0006-04 2 0006-04 3 0006-04 3 0006-04 4 0006-05 8 7786-08 8 3786-08 3 6666-09 1 3906-08			
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\$.000E-03 4.000E-04 1.000E-02 2.000E-03 1.000E-03 4.000E-03 8.778E-08 3.666E-09 1.390E-03 0.000E+00			
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